



pilz
the spirit of safety

- Sensor technology ► Control technology ► Networks ► Drive technology
- Operator and visualisation systems ► Software
- Automation system PSS 4000 ► Consulting and engineering ► Training

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Position monitoring devices

PSENIini - safe proximity switch

Order number	Description		List Price EUR/Unit
	PSENIini	Protection type, housing	Connection type
545003	PSEN in1n	IP67	M12
545000	PSEN in1p	IP67	M12

Position monitoring devices

PSENrope - safe rope pull switch

Order number	Description		List Price EUR/Unit
PSENrope		Max. rope length	Housing material
570301	PSEN rs1.0-175	37 m	Aluminium die cast
570300	PSEN rs1.0-300	75 m	Aluminium die cast
570303	PSEN rs2.0-175	37 m	PA
570302	PSEN rs2.0-300	75 m	PA
Accessories PSENrope			
570310	PSEN rs spring 175		
570313	PSEN rs pulley flex		
570311	PSEN rs spring 300		
570312	PSEN rs pulley 75		
570314	PSEN rs rope d3/d4 50m		
570315	PSEN rs rope d3/d4 100m		

Position monitoring devices

PSENenco - rotary encoder

Order number	Description		List Price EUR/Unit	
		PSENenco	Scanning principle	Type of motor shaft
544021	PSEN enc m1 eCAM		Optical, magnetic	Hollow shaft
544022	PSEN enc m2 eCAM		Optical, magnetic	Solid shaft
544011	PSEN enc s1 eCAM		Optical, magnetic	Hollow shaft
544012	PSEN enc s2 eCAM		Optical, magnetic	Solid shaft

Safety switches

PSENmech - mechanical safety switch

Order number	Description		List Price EUR/Unit
PSENmech with guard locking		Actuator	Type of guard locking
570008	PSEN me1.21S / 1AR	Radius	Spring force
570007	PSEN me1.2S / 1AR	Radius	Spring force
570006	PSEN me1.2S / 1AS	Standard	Spring force
570004	PSENme 1M / 1AS	Standard	Magnetic force
570001	PSENme 1S / 1AR	Radius	Spring force
570000	PSENme 1S / 1AS	Standard	Spring force
570005	PSENme1M / 1AR	Radius	Magnetic force
PSENmech		Actuator	Extraction force
570200	PSENme 2 / 2A	Standard	10 N
570201	PSENme 2 / 2AR	Radius	10 N
570210	PSENme 3 / 2A	Standard	10 N
570212	PSENme 3 / 2AR	Radius	10 N
570222	PSENme 3.1 / 2AR	Radius	10 N
570220	PSENme 3.1 / 2AS	Standard	10 N
570230	PSENme 3.2 / 2A	Standard	10 N
570232	PSENme 3.2 / 2AR	Radius	10 N
570240	PSENme 4 / 4A	Standard	10 N
570241	PSENme 4.01 / 4A	Standard	50 N
570245	PSENme 4.1 / 4A	Standard	10 N
570246	PSENme 4.11 / 4A	Standard	50 N
570251	PSENme 4.2 / 4A	Standard	10 N
570250	PSENme 4.21 / 4A	Standard	50 N
Accessories PSENmech			
570101	PSENme 1AS		
570102	PSENme 1AR		
570205	PSENme 2A		
570206	PSENme 2AR		
570260	PSENme 4A		

Sensor technology

Safety switches

PSENmag - non-contact, magnetic safety switch

Order number	Description		List Price EUR/Unit
	PSENmag for electronic/electromechanic relays	Assured switching distance	Connection type
514110	PSEN 1.1-10 / 1 actuator		
514120	PSEN 1.1-20 / 1 actuator		
524126	PSEN 1.1a-20 /8mm/5m/1switch	8.0 mm	5m Kabel
504226	PSEN 1.1a-20/PSEN 1.1-20 /8mm/5m/1unit	8.0 mm	5m Kabel
524128	PSEN 1.1a-22 /8mm/5m/ix1/1switch	8.0 mm	5m Kabel
504228	PSEN 1.1a-22/PSEN 1.1-20 /8mm/5m/ix1/1un	8.0 mm	5m Kabel
524127	PSEN 1.1b-20 /8mm/10m/1switch	8.0 mm	10m Kabel
504227	PSEN 1.1b-20/PSEN 1.1-20/8mm/10m/1unit	8.0 mm	10m Kabel
524129	PSEN 1.1b-22/8mm /10m/ix1/1switch	8.0 mm	10m Kabel
504229	PSEN 1.1b-22/PSEN 1.1-20 /8mm/10m/ix1/1u	8.0 mm	10m Kabel
504250	PSEN 1.1b-23/PSEN1.1-20/8mm/10m/EX/1unit	8.0 mm	10m Kabel
504251	PSEN 1.1b-25/PSEN1.1-20/8mm/10m/EX/1unit	8.0 mm	10m Kabel
524120	PSEN 1.1p-20/8mm/ 1 switch	8.0 mm	M8, 4pol. male
504220	PSEN 1.1p-20/PSEN 1.1-20/8mm/ 1unit	8.0 mm	M8, 4pol. male
504222	PSEN 1.1p-22/PSEN 1.1-20/8mm/ix1/ 1unit	8.0 mm	M8, 4pol. male
504223	PSEN 1.1p-23/PSEN 1.1-20/8mm/ATEX/ 1unit	8.0 mm	M8, 4pol. male
504225	PSEN 1.1p-25/PSEN 1.1-20/8mm/ATEX/ix1	8.0 mm	M8, 4pol. male
524124	PSEN 1.1p-29/7mm/ix1/ 1 switch	7.0 mm	M8
504224	PSEN 1.1p-29/PSEN 1.1-20/7mm/ix1/ 1unit	7.0 mm	M8, 4pol. male
515120	PSEN 1.2-20 / 1 actuator		
525120	PSEN 1.2p-20/8mm/ 1 switch	8.0 mm	M8, 4pol. male
505220	PSEN 1.2p-20/PSEN 1.2-20/8mm/ 1unit	8.0 mm	M8, 4pol. male
525122	PSEN 1.2p-22/8mm/ix1/ 1 switch	8.0 mm	M8, 4pol. male
505222	PSEN 1.2p-22/PSEN 1.2-20/8mm/ix1/ 1unit	8.0 mm	M8, 4pol. male
505223	PSEN 1.2p-23/PSEN 1.2-20/8mm/ATEX/ 1unit	8.0 mm	M8, 4pol. male
505225	PSEN 1.2p-25/PSEN 1.2-20/8mm/ATEX/ix1	8.0 mm	M8, 4pol. male
506409	PSEN ma1.1p-10/3mm/1switch	3.0 mm	M8, 4pol. male
506410	PSEN ma1.1p-12/3mm/ix1/1switch	3.0 mm	M8, 4pol. male
516120	PSEN ma1.3-08/1actuator		
516130	PSEN ma1.3-12/1actuator		
526129	PSEN ma1.3-20 M12/8-0.15m 1switch	8.0 mm	M12, 8pol. male
506229	PSEN ma1.3-20M12/8-0.15m/PSENma1.3-08/1u	8.0 mm	M12, 8pol. male
506239	PSEN ma1.3-20M12/8-0.15m/PSENma1.3-12/1u	12.0 mm	M12, 8pol. male
526120	PSEN ma1.3a-20/1switch	8.0 mm	5m Kabel
506220	PSEN ma1.3a-20/PSEN ma1.3-08/8mm/1unit	8.0 mm	5m Kabel
506230	PSEN ma1.3a-20/PSEN ma1.3-12/12mm/1unit	12.0 mm	5m Kabel
526121	PSEN ma1.3a-22/1switch	8.0 mm	5m Kabel
506221	PSEN ma1.3a-22/PSEN ma1.3-08/8mm/1unit	8.0 mm	5m Kabel
506231	PSEN ma1.3a-22/PSEN ma1.3-12/12mm/ix1/1u	12.0 mm	5m Kabel
526122	PSEN ma1.3b-20/1switch	8.0 mm	10m Kabel
506222	PSEN ma1.3b-20/PSEN ma1.3-08/8mm/1unit	8.0 mm	10m Kabel
506232	PSEN ma1.3b-20/PSEN ma1.3-12/12mm/1unit	12.0 mm	10m Kabel
526123	PSEN ma1.3b-22/1switch	8.0 mm	10m Kabel
506223	PSEN ma1.3b-22/PSEN ma1.3-08/8mm/1unit	8.0 mm	10m Kabel

Sensor technology

Safety switches

PSENmag - non-contact, magnetic safety switch

Order number	Description		List Price EUR/Unit
	PSENmag for electronic/electromechanic relays	Assured switching distance	Connection type
506233	PSEN ma1.3b-22/PSEN ma1.3-12/12mm/ix1/1u	12.0 mm	10m Kabel
506224	PSEN ma1.3b-23/PSEN ma1.3-08/8mm/1unit	8.0 mm	10m Kabel
506234	PSEN ma1.3b-23/PSEN ma1.3-12/12mm/1unit	12.0 mm	10m Kabel
506225	PSEN ma1.3b-25/PSEN ma1.3-08/8mm/1unit	8.0 mm	10m Kabel
506235	PSEN ma1.3b-25/PSEN ma1.3-12/12mm/ix1/1u	12.0 mm	10m Kabel
506219	PSEN ma1.3b-29/PSEN ma1.3-08/8mm/1 unit	8.0 mm	10m Kabel
526128	PSEN ma1.3n-20/1switch	8.0 mm	M12, 5pol. male
506228	PSEN ma1.3n-20/PSEN ma1.3-08/8mm/1unit	8.0 mm	M12, 5pol. male
506238	PSEN ma1.3n-20/PSEN ma1.3-12/12mm/1unit	12.0 mm	M12, 5pol. male
526126	PSEN ma1.3p-20/1switch	8.0 mm	M8, 8pol. male
506226	PSEN ma1.3p-20/PSEN ma1.3-08/8mm/1unit	8.0 mm	M8, 8pol. male
506236	PSEN ma1.3p-20/PSEN ma1.3-12/12mm/1unit	12.0 mm	M8, 8pol. male
526127	PSEN ma1.3p-22/1switch	8.0 mm	M8, 8pol. male
506227	PSEN ma1.3p-22/PSEN ma1.3-08/8mm/ix1/1un	8.0 mm	M8, 8pol. male
506237	PSEN ma1.3p-22/PSEN ma1.3-12/12mm/ix1/1u	12.0 mm	M8, 8pol. male
506300	PSEN ma1.4-03mm 1actuator		
506301	PSEN ma1.4-10mm 1actuator		
506314	PSEN ma1.4-51 M12/8-0.15m 1switch	10.0 mm	M12, 8pol. male
506344	PSEN ma1.4-51M12/8-0.15m/PSENma1.4-03/1u	3.0 mm	M12, 8pol. male
506345	PSEN ma1.4-51M12/8-0.15m/PSENma1.4-10/1u	10.0 mm	M12, 8pol. male
506302	PSEN ma1.4a-50/ 1switch	3.0 mm	5m Kabel
506320	PSEN ma1.4a-50/PSEN ma1.4-03mm/ 1unit	3.0 mm	5m Kabel
506322	PSEN ma1.4a-50/PSEN ma1.4-10mm/ 1unit	10.0 mm	5m Kabel
506304	PSEN ma1.4a-51/ 1switch	3.0 mm	5m Kabel
506324	PSEN ma1.4a-51/PSEN ma1.4-03mm/ 1unit	3.0 mm	5m Kabel
506326	PSEN ma1.4a-51/PSEN ma1.4-10mm/ 1unit	10.0 mm	5m Kabel
506303	PSEN ma1.4a-52/ 1switch	3.0 mm	5m Kabel
506321	PSEN ma1.4a-52/PSEN ma1.4-03mm/ 1unit	3.0 mm	5m Kabel
506323	PSEN ma1.4a-52/PSEN ma1.4-10mm/ 1unit	10.0 mm	5m Kabel
506305	PSEN ma1.4a-57/ 1switch	3.0 mm	5m Kabel
506325	PSEN ma1.4a-57/PSEN ma1.4-03mm/ 1unit	3.0 mm	5m Kabel
506327	PSEN ma1.4a-57/PSEN ma1.4-10mm/ 1unit	10.0 mm	5m Kabel
506312	PSEN ma1.4n-50/ 1switch	3.0 mm	M12, 5pol. male
506340	PSEN ma1.4n-50/PSEN ma1.4-03mm/ 1unit	3.0 mm	M12, 5pol. male
506342	PSEN ma1.4n-50/PSEN ma1.4-10mm/ 1unit	10.0 mm	M12, 5pol. male
506313	PSEN ma1.4n-51/ 1switch	3.0 mm	M12, 5pol. male
506341	PSEN ma1.4n-51/PSEN ma1.4-03mm/ 1unit	3.0 mm	M12, 5pol. male
506343	PSEN ma1.4n-51/PSEN ma1.4-10mm/ 1unit	10.0 mm	M12, 5pol. male
506308	PSEN ma1.4p-50/ 1switch	3.0 mm	M8, 4pol. male
506332	PSEN ma1.4p-50/PSEN ma1.4-03mm/ 1unit	3.0 mm	M8, 4pol. male
506334	PSEN ma1.4p-50/PSEN ma1.4-10mm/ 1unit	10.0 mm	M8, 4pol. male
506310	PSEN ma1.4p-51/ 1switch	3.0 mm	M8, 8pol. male
506336	PSEN ma1.4p-51/PSEN ma1.4-03mm/ 1unit	3.0 mm	M8, 8pol. male
506338	PSEN ma1.4p-51/PSEN ma1.4-10mm/ 1unit	10.0 mm	M8, 8pol. male

Sensor technology

Safety switches

PSENmag - non-contact, magnetic safety switch

Order number	Description		List Price EUR/Unit
PSENmag for electronic/electromechanic relays		Assured switching distance	Connection type
506309	PSEN ma1.4p-52/ 1switch	3.0 mm	M8, 4pol. male
506333	PSEN ma1.4p-52/PSEN ma1.4-03mm/ 1unit	3.0 mm	M8, 4pol. male
506335	PSEN ma1.4p-52/PSEN ma1.4-10mm/ 1unit	10.0 mm	M8, 4pol. male
506311	PSEN ma1.4p-57/ 1switch	3.0 mm	M8, 8pol. male
506337	PSEN ma1.4p-57/PSEN ma1.4-03mm/ 1unit	3.0 mm	M8, 8pol. male
506339	PSEN ma1.4p-57/PSEN ma1.4-10mm/ 1unit	10.0 mm	M8, 8pol. male
PSENmag for electronic relays		Assured switching distance	Connection type
512110	PSEN 2.1-10 / 1 actuator		
512120	PSEN 2.1-20/1actuator		
522126	PSEN 2.1a-20/8mm/5m /1switch	8.0 mm	5m Kabel
502226	PSEN 2.1a-20/PSEN 2.1-20/8mm /5m/1unit	8.0 mm	5m Kabel
522127	PSEN 2.1b-20/8mm/10m/ 1switch	8.0 mm	10m Kabel
502227	PSEN 2.1b-20/PSEN 2.1-20 /8mm/10m/1unit	8.0 mm	10m Kabel
502250	PSEN 2.1b-26/PSEN2.1-20/8mm/10m/EX/1unit	8.0 mm	10m Kabel
522120	PSEN 2.1p-20/8mm/1switch	8.0 mm	M8, 4pol. male
502220	PSEN 2.1p-20/PSEN 2.1-20 /8mm/1unit	8.0 mm	M8, 4pol. male
522121	PSEN 2.1p-21/8mm/LED/1switch	8.0 mm	M8, 4pol. male
502221	PSEN 2.1p-21/PSEN 2.1-20 /8mm/LED/1unit	8.0 mm	M8, 4pol. male
502224	PSEN 2.1p-24/PSEN2.1-20/8mm/LED/EX/1unit	8.0 mm	M8, 4pol. male
513120	PSEN 2.2-20 / 1 actuator		
523120	PSEN 2.2p-20 /8mm 1 switch	8.0 mm	M8, 4pol. male
503220	PSEN 2.2p-20/PSEN2.2-20/8mm 1unit	8.0 mm	M8, 4pol. male
523121	PSEN 2.2p-21/LED/8mm 1 switch	8.0 mm	M8, 4pol. male
503221	PSEN 2.2p-21/PSEN2.2-20/LED/8mm 1unit	8.0 mm	M8, 4pol. male
503224	PSEN 2.2p-24/PSEN2.2-20/LED/8mm/ATEX	8.0 mm	M8, 4pol. male
506411	PSEN ma1.1p-10/PSEN1.1-10/3mm/1unit	3.0 mm	M8, 4pol. male
506412	PSEN ma1.1p-12/PSEN1.1-10/3mm/ix1/1unit	3.0 mm	M8, 4pol. male
506400	PSEN ma2.1p-10/3mm/1switch	3.0 mm	M8, 4pol. male
506405	PSEN ma2.1p-10/PSEN2.1-10/3mm/1unit	3.0 mm	M8, 4pol. male
506401	PSEN ma2.1p-11/LED/3mm/1switch	3.0 mm	M8, 4pol. male
506406	PSEN ma2.1p-11/PSEN2.1-10/LED/3mm/1unit	3.0 mm	M8, 4pol. male
506402	PSEN ma2.1p-30/6mm/1switch	6.0 mm	M8, 4pol. male
506407	PSEN ma2.1p-30/PSEN2.1-10/6mm/1unit	6.0 mm	M8, 4pol. male
506403	PSEN ma2.1p-31/LED/6mm/1switch	6.0 mm	M8, 4pol. male
506408	PSEN ma2.1p-31/PSEN2.1-10/LED/6mm/1unit	6.0 mm	M8, 4pol. male
506404	PSEN ma2.1p-34/6mm/LED/ATEX 1switch	6.0 mm	M8, 4pol. male
506413	PSEN ma2.1p-34/PSEN2.1-10-06/LED/ATEX/1u	6.0 mm	M8, 4pol. male

Sensor technology

Safety switches

PSENmag - non-contact, magnetic safety switch

Order number	Description	List Price EUR/Unit
Accessories PSENmag		Type of general accessories
533131	PSEN Kabel Gerade/cable straightplug 10m	Connection cable
533111	PSEN Kabel Gerade/cable straightplug 2m	Connection cable
533141	PSEN Kabel Gerade/cable straightplug 30m	Connection cable
533121	PSEN Kabel Gerade/cable straightplug 5m	Connection cable
533130	PSEN Kabel Winkel/cable angleplug 10m	Connection cable
533110	PSEN Kabel Winkel/cable angleplug 2m	Connection cable
533140	PSEN Kabel Winkel/cable angleplug 30m	Connection cable
533120	PSEN Kabel Winkel/cable angleplug 5m	Connection cable
534310	PSEN Distanzplatte / spacer (10 pcs.)	Fastening element
534320	PSEN reverse spacer	Fastening element
540310	PSEN screw M4x16 10pcs	Fastening element
540311	PSEN screw M5x10 10pcs	Fastening element
540312	PSEN screw M5x20 10pcs	Fastening element
532110	PSEN Winkel / bracket	Fastening element
535110	PSEN i1 Interface for 4 PSEN 2	Interface
535120	PSEN ix1 Interface for 4 PSEN 1	Interface
534311	PSEN ma1.4 spacer (10 pcs.)	

Sensor technology

Safety switches

PSENcode - non-contact, coded safety switch

Order number	Description		List Price EUR/Unit
PSENcode - compact design			
541080	PSEN cs3.1 1 actuator		
541059	PSEN cs3.1 M12/8-0.15m 1switch	M12, 8pol. male	Coded
541009	PSEN cs3.1 M12/8-0.15m/PSEN cs3.1 1Unit	M12, 8pol. male	Coded
541064	PSEN cs3.1 M12/8-1.5m 1switch	M12, 8pol. male	Coded
541014	PSEN cs3.1 M12/8-1.5m/PSEN cs3.1 1unit	M12, 8pol. male	Coded
541382	PSEN cs3.19-OSSD1 1actuator		Coded
541380	PSEN cs3.19-OSSD1&2 1actuator		Coded
541383	PSEN cs3.19-OSSD2 1actuator		Coded
541353	PSEN cs3.19n 1 switch	M12, 5pol. male	Coded
541304	PSEN cs3.19n/PSEN cs3.19 1sw+OSSD1&2	M12, 5pol. male	Coded
541303	PSEN cs3.19n/PSEN cs3.19 1sw/3actuators	M12, 5pol. male	Coded
541305	PSEN cs3.19n/PSEN cs3.19 1sw+OSSD1+OSSD2	M12, 5pol. male	Coded
541061	PSEN cs3.1a 1switch	5m Kabel	Coded
541011	PSEN cs3.1a /PSEN cs3.1 1unit	5m Kabel	Coded
541012	PSEN cs3.1b /PSEN cs3.1 1unit	10m Kabel	Coded
541062	PSEN cs3.1b 1 switch	10m Kabel	Coded
541053	PSEN cs3.1n 1switch	M12, 5pol. male	Coded
541003	PSEN cs3.1n / PSEN cs3.1 1 Unit	M12, 5pol. male	Coded
541060	PSEN cs3.1p 1switch	M8, 8pol. male	Coded
541010	PSEN cs3.1p /PSEN cs3.1 1unit	M8, 8pol. male	Coded
541180	PSEN cs4.1 1 actuator		
541159	PSEN cs4.1 M12/8-0.15m 1switch	M12, 8pol. male	Fully coded
541109	PSEN cs4.1 M12/8-0.15m/PSEN cs4.1 1Unit	M12, 8pol. male	Fully coded
541161	PSEN cs4.1a 1switch	5m Kabel	Fully coded
541111	PSEN cs4.1a /PSEN cs4.1 1unit	5m Kabel	Fully coded
541112	PSEN cs4.1b / PSENcs 4.1 1unit	10m Kabel	Coded
541162	PSEN cs4.1b 1switch	10m Kabel	Fully coded
541153	PSEN cs4.1n 1switch	M12, 5pol. male	Fully coded
541103	PSEN cs4.1n / PSEN cs4.1 1 Unit	M12, 5pol. male	Fully coded
541160	PSEN cs4.1p 1switch	M8, 8pol. male	Fully coded
541110	PSEN cs4.1p /PSEN cs4.1 1unit	M8, 8pol. male	Fully coded
541259	PSEN cs4.2 M12/8-0.15m 1switch	M12, 8pol. male	unique coding
541209	PSEN cs4.2 M12/8-0.15m/PSEN cs4.1 1Unit	M12, 8pol. male	unique coding
541261	PSEN cs4.2a 1switch	5m Kabel	unique coding
541211	PSEN cs4.2a /PSEN cs4.1 1unit	5m Kabel	unique coding
541253	PSEN cs4.2n 1switch	M12, 5pol. male	unique coding
541203	PSEN cs4.2n / PSEN cs4.1 1 Unit	M12, 5pol. male	unique coding
541260	PSEN cs4.2p 1switch	M8, 8pol. male	unique coding
541210	PSEN cs4.2p /PSEN cs4.1 1unit	M8, 8pol. male	unique coding

PSENcode - slim design

542080	PSEN cs5.1 1actuator		
542083	PSEN cs5.1 M12 1actuator		
542059	PSEN cs5.1 M12/8 1switch		

Sensor technology

Safety switches

PSENcode - non-contact, coded safety switch

Order number	Description	List Price EUR/Unit
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PSENcode - slim design		
542009	PSEN cs5.1 M12/8/PSEN cs5.1 M12 1unit	
542081	PSEN cs5.11 M12 1actuator	
542051	PSEN cs5.11 M12/8 1switch	
542011	PSEN cs5.11 M12/8/PSEN cs5.11 M12 1unit	
542053	PSEN cs5.1n 1switch	
542003	PSEN cs5.1n/PSEN cs5.1 M12 1unit	
542050	PSEN cs5.1p 1switch	
542000	PSEN cs5.1p/PSEN cs5.1 1unit	
542180	PSEN cs6.1 1actuator	
542183	PSEN cs6.1 M12 1actuator	
542159	PSEN cs6.1 M12/8 1switch	
542109	PSEN cs6.1 M12/8/PSEN cs6.1 M12 1unit	
542181	PSEN cs6.11 M12 1actuator	
542151	PSEN cs6.11 M12/8 1switch	
542111	PSEN cs6.11 M12/8/PSEN cs6.11 M12 1unit	
542153	PSEN cs6.1n 1switch	
542103	PSEN cs6.1n/PSEN cs6.1 M12 1unit	
542150	PSEN cs6.1p 1switch	
542100	PSEN cs6.1p/PSEN cs6.1 1unit	
542259	PSEN cs6.2 M12/8 1switch	
542209	PSEN cs6.2 M12/8/PSEN cs6.1 M12 1unit	
542251	PSEN cs6.21 M12/8 1switch	
542211	PSEN cs6.21 M12/8/PSEN cs6.11 M12 1unit	
542253	PSEN cs6.2n 1switch	
542203	PSEN cs6.2n/PSEN cs6.1 M12 1unit	
542250	PSEN cs6.2p 1switch	
542200	PSEN cs6.2p/PSEN cs6.1 1unit	

PSENcode - large design	Connection type	Sensor principle
540080	PSEN cs1.1 1 actuator	Transponder
540005	PSEN cs1.13p / PSEN cs1.1 / ATEX 1 Unit	M12, 8pol. male Transponder
540382	PSEN cs1.19-OSSD1 1actuator	Transponder
540380	PSEN cs1.19-OSSD1&2 1actuator	Transponder
540383	PSEN cs1.19-OSSD2 1actuator	Transponder
540353	PSEN cs1.19n 1 switch	M12, 5pol. male Transponder
540304	PSEN cs1.19n/PSEN cs1.19 1sw+OSSD1&2	M12, 5pol. male Transponder
540303	PSEN cs1.19n/PSEN cs1.19 1sw/3actuators	M12, 5pol. male Transponder
540305	PSEN cs1.19n/PSEN cs1.19 1sw+OSSD1+OSSD2	M12, 5pol. male Transponder
540053	PSEN cs1.1n 1switch	M12, 5pol. male Transponder
540003	PSEN cs1.1n / PSEN cs1.1 1 Unit	M12, 5pol. male Transponder
540050	PSEN cs1.1p 1 switch	M12, 8pol. male Transponder
540000	PSEN cs1.1p / PSEN cs1.1 1 Unit	M12, 8pol. male Transponder
540180	PSEN cs2.1 1 actuator	Transponder
540105	PSEN cs2.13p / PSEN cs2.1 / ATEX	M12, 8pol. male Transponder

Sensor technology

Safety switches

PSENcode - non-contact, coded safety switch

Order number	Description		List Price EUR/Unit
PSENcode - large design		Connection type	Sensor principle
540153	PSEN cs2.1n 1switch	M12, 5pol. male	Transponder
540103	PSEN cs2.1n / PSEN cs2.1 1 Unit	M12, 5pol. male	Transponder
540150	PSEN cs2.1p 1 switch	M12, 8pol. male	Transponder
540100	PSEN cs2.1p / PSEN cs2.1 1Unit	M12, 8pol. male	Transponder
540253	PSEN cs2.2n 1switch	M12, 5pol. male	Transponder
540203	PSEN cs2.2n / PSEN cs2.1 1 Unit	M12, 5pol. male	Transponder
540200	PSEN cs2.2p / PSEN cs2.1 1 Unit	M12, 8pol. male	Transponder
Accessories PSENcode		Type of general accessories	
540329	PSEN converter M8-8sf -- M12-8sm	Adapter	
540324	PSEN cable angle M12 8-pole 10m	Connection cable	
540325	PSEN cable angle M12 8-pole 30m	Connection cable	
540322	PSEN cable angle M12 8-pole 3m	Connection cable	
540323	PSEN cable angle M12 8-pole 5m	Connection cable	
540321	PSEN cable axial M12 8-pole 10m	Connection cable	
540326	PSEN cable axial M12 8-pole 30m	Connection cable	
540319	PSEN cable axial M12 8-pole 3m	Connection cable	
540320	PSEN cable axial M12 8-pole 5m	Connection cable	
540345	PSEN cable M12-8sf M12-8sm, 0,5m	Connection cable	
540347	PSEN cable M12-8sf M12-8sm, 1,5m	Connection cable	
540342	PSEN cable M12-8sf M12-8sm, 10m	Connection cable	
540346	PSEN cable M12-8sf M12-8sm, 1m	Connection cable	
540343	PSEN cable M12-8sf M12-8sm, 20m	Connection cable	
540340	PSEN cable M12-8sf M12-8sm, 2m	Connection cable	
540344	PSEN cable M12-8sf M12-8sm, 30m	Connection cable	
540341	PSEN cable M12-8sf M12-8sm, 5m	Connection cable	
540333	PSEN cable M12-8sf, 20m	Connection cable	
533156	PSEN cable M8-8sf M8-8sm, 1m	Connection cable	
533157	PSEN cable M8-8sf M8-8sm, 2m	Connection cable	
533155	PSEN cable M8-8sf M8-sm, 0,5m	Connection cable	
533152	PSEN cable M8-8sf, 10m	Connection cable	
533153	PSEN cable M8-8sf, 20m	Connection cable	
533150	PSEN cable M8-8sf, 2m	Connection cable	
533154	PSEN cable M8-8sf, 30m	Connection cable	
533151	PSEN cable M8-8sf, 5m	Connection cable	
540331	PSEN T junction (auxiliary contact) M12	Connection cable	
540328	PSEN Y junction M12-M12/M12	Connection cable	
540327	PSEN Y junction M8-M12/M12	Connection cable	
540332	PSEN/PDP67 M12-8sf screw terminals	Connector	
540334	PSEN/PDP67 M12-8sm screw terminals	Connector	
540335	PSEN cs3/cs4, PSEN ma1.4 actuator caps	Protective caps	

Sensor technology

Safety switches

PSENBolt - safety bolt

Order number	Description	List Price EUR/Unit
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PSENBolt

540010	PSEN b1	
540021	PSEN b2.1	
540020	PSEN b2	
540030	PSEN b3	
540041	PSEN b4.1	
540040	PSEN b4	
540015	PSEN b5	

Sensor technology

Safety switches

PSEnhinge - safe hinge switch

Order number	Description	List Price EUR/Unit
PSEnhinge		
570270	PSEN hs1.1p	
570271	PSEN hs1.2p	
Accessories PSEnhinge		Type of general accessories
570280	PSEN hs1 hinge	Fastening element
570281	PSEN hs kit1	

Sensor technology

Safety gate systems

PSENSlock - safety gate system

Order number	Description		List Price EUR/Unit
PSENSlock		Holding force	Type of coding
570520	PSEN sl-0.5 1.1 1actuator		Coded
570521	PSEN sl-0.5 2.1 1actuator		Coded
570523	PSEN sl-0.5fm 2.1 1actuator		Coded
570522	PSEN sl-0.5fm 1.1 1actuator		Coded
570513	PSEN sl-0.5n 1.1 1switch	500 N	Coded
570503	PSEN sl-0.5n 1.1 / PSEN sl-0.5 1unit	500 N	Coded
570514	PSEN sl-0.5n 2.1 1switch	500 N	Fully coded
570504	PSEN sl-0.5n 2.1 / PSEN sl-0.5 1unit	500 N	Fully coded
570505	PSEN sl-0.5n 2.2 / PSEN sl-0.5 1unit	500 N	unique coding
570500	PSEN sl-0.5p 1.1 / PSEN sl-0.5 1unit	500 N	Coded
570560	PSEN sl-0.5p 1.1 / PSEN sl-0.5fm 1unit	500 N	Coded
570510	PSEN sl-0.5p 1.1 1switch	500 N	Coded
570501	PSEN sl-0.5p 2.1 / PSEN sl-0.5 1unit	500 N	Fully coded
570561	PSEN sl-0.5p 2.1 / PSEN sl-0.5fm 1unit	500 N	Fully coded
570511	PSEN sl-0.5p 2.1 1switch	500 N	Fully coded
570502	PSEN sl-0.5p 2.2 / PSEN sl-0.5 1unit	500 N	unique coding
570562	PSEN sl-0.5p 2.2 / PSEN sl-0.5fm 1unit	500 N	unique coding
570620	PSEN sl-1.0 1.1 1actuator		Coded
570621	PSEN sl-1.0 2.1 1actuator		Fully coded
570650	PSEN sl-1.0 VA 1actuator		Coded
570622	PSEN sl-1.0fm 1.1 1actuator		Coded
570623	PSEN sl-1.0fm 2.1 1actuator		Fully coded
570603	PSEN sl-1.0n 1.1 / PSEN sl-1.0 1unit	1000 N	Coded
570613	PSEN sl-1.0n 1.1 1switch	1000 N	Coded
570604	PSEN sl-1.0n 2.1 / PSEN sl-1.0 1unit	1000 N	Fully coded
570614	PSEN sl-1.0n 2.1 1switch	1000 N	Fully coded
570605	PSEN sl-1.0n 2.2 / PSEN sl-1.0 1unit	1000 N	unique coding
570600	PSEN sl-1.0p 1.1 / PSEN sl-1.0 1unit	1000 N	Coded
570660	PSEN sl-1.0p 1.1 / PSEN sl-1.0fm 1unit	1000 N	Coded
570610	PSEN sl-1.0p 1.1 1switch	1000 N	Coded
570640	PSEN sl-1.0p 1.1 VA 1switch	1000 N	Coded
570630	PSEN sl-1.0p 1.1 VA/PSEN sl-1.0 1unit	1000 N	Coded
570601	PSEN sl-1.0p 2.1 / PSEN sl-1.0 1unit	1000 N	Fully coded
570661	PSEN sl-1.0p 2.1 / PSEN sl-1.0fm 1unit	1000 N	Fully coded
570611	PSEN sl-1.0p 2.1 1switch	1000 N	Fully coded
570602	PSEN sl-1.0p 2.2 / PSEN sl-1.0 1unit	1000 N	unique coding
570662	PSEN sl-1.0p 2.2 / PSEN sl-1.0fm 1unit	1000 N	unique coding
Accessories PSENSlock		Type of general accessories	
570552	PSEN sl restart interlock (padlock)	Bolt	
570551	PSEN sl bracket sliding door	Fastening element	
570550	PSEN sl bracket swing door	Fastening element	

Sensor technology

Safety gate systems

PSENsgate - safety gate system

Order number	Description		List Price EUR/Unit
	PSENsgate	Number of pushbutton	Type of coding
570890	PSEN sg2 actuator		Coded
570773	PSEN sg2 cover 2pieces		
570777	PSEN sg2c Set spring loaded terminals		
570811	PSEN sg2c-3LBC switch	2	Coded
570810	PSEN sg2c-3LBC unit	2	Coded
570803	PSEN sg2c-3LBE switch	2	Coded
570802	PSEN sg2c-3LBE unit	2	Coded
570807	PSEN sg2c-3LBS switch	2	Coded
570806	PSEN sg2c-3LBS unit	2	Coded
570809	PSEN sg2c-3LPC switch	2	Coded
570808	PSEN sg2c-3LPC unit	2	Coded
570880	PSEN sg2c-3LPE 2.2 unit	2	unique coding
570801	PSEN sg2c-3LPE switch	2	Coded
570800	PSEN sg2c-3LPE unit	2	Coded
570805	PSEN sg2c-3LPS switch	2	Coded
570804	PSEN sg2c-3LPS unit	2	Coded
570835	PSEN sg2c-5LBKLC-M12/5 switch	2	Coded
570834	PSEN sg2c-5LBKLC-M12/5 unit	2	Coded
570827	PSEN sg2c-5LBKLE-M12/5 switch	2	Coded
570826	PSEN sg2c-5LBKLE-M12/5 unit	2	Coded
570831	PSEN sg2c-5LBKLS-M12/5 switch	2	Coded
570830	PSEN sg2c-5LBKLS-M12/5 unit	2	Coded
570823	PSEN sg2c-5LBLLC switch	2	Coded
570822	PSEN sg2c-5LBLLC unit	2	Coded
570815	PSEN sg2c-5LBLL E switch	2	Coded
570814	PSEN sg2c-5LBLL E unit	2	Coded
570819	PSEN sg2c-5LBLLS switch	2	Coded
570818	PSEN sg2c-5LBLLS unit	2	Coded
570833	PSEN sg2c-5LPKLC-M12/5 switch	2	Coded
570832	PSEN sg2c-5LPKLC-M12/5 unit	2	Coded
570884	PSEN sg2c-5LPKLE-M12/5 2.2 unit	2	unique coding
570825	PSEN sg2c-5LPKLE-M12/5 switch	2	Coded
570824	PSEN sg2c-5LPKLE-M12/5 unit	2	Coded
570829	PSEN sg2c-5LPKLS-M12/5 switch	2	Coded
570828	PSEN sg2c-5LPKLS-M12/5 unit	2	Coded
570821	PSEN sg2c-5LPLLC switch	2	Coded
570820	PSEN sg2c-5LPLLC unit	2	Coded
570882	PSEN sg2c-5LPLLE 2.2 unit	2	unique coding
570813	PSEN sg2c-5LPLLE switch	2	Coded
570812	PSEN sg2c-5LPLLE unit	2	Coded
570817	PSEN sg2c-5LPLLS switch	2	Coded
570816	PSEN sg2c-5LPLLS unit	2	Coded

Sensor technology

Safety gate systems

PSENsgate - safety gate system

Order number	Description	List Price EUR/Unit
	Accessories PSENsgate	Type of general accessories
570793	PSEN cable 200m-8x0.25mm ²	Connection cable
570772	PSEN sg1 cover	
570870	PSEN sg escape release pin	
570871	PSEN sg auxiliary release pin	
570875	PSEN sg color covers (pushbutton)	

Sensor technology

Light curtains

PSENopt - with semiconductor outputs

Order number	Description		List Price EUR/Unit
Safety light beam devices		Operating range	Type in accordance with EC 61496
630380	PSEN op2S-1-1	0,0 - 8,0 m	Type 2
630381	PSEN op4S-1-1	0,0 - 8,0 m	Type 4
630382	PSEN op4S-1-2	0,0 - 40,0 m	Type 4
Standard Type 2 light grid, hand protection		Height of protected field	Operating range
630720	PSEN op2H-s-30-015/1	150 mm	0,2 - 19,0 m
630721	PSEN op2H-s-30-030/1	300 mm	0,2 - 19,0 m
630722	PSEN op2H-s-30-045/1	450 mm	0,2 - 19,0 m
630723	PSEN op2H-s-30-060/1	600 mm	0,2 - 19,0 m
630724	PSEN op2H-s-30-075/1	750 mm	0,2 - 19,0 m
630725	PSEN op2H-s-30-090/1	900 mm	0,2 - 19,0 m
630726	PSEN op2H-s-30-105/1	1050 mm	0,2 - 19,0 m
630727	PSEN op2H-s-30-120/1	1200 mm	0,2 - 19,0 m
630728	PSEN op2H-s-30-135/1	1350 mm	0,2 - 19,0 m
630729	PSEN op2H-s-30-150/1	1500 mm	0,2 - 19,0 m
630730	PSEN op2H-s-30-165/1	1650 mm	0,2 - 19,0 m
630731	PSEN op2H-s-30-180/1	1800 mm	0,2 - 19,0 m
Standard Type 4 light grid, body protection		Height of protected field	Operating range
630703	PSEN op4B-L-2-050	515 mm	0,5 - 3,0 m
630704	PSEN op4B-L-3-080	815 mm	0,5 - 3,0 m
630705	PSEN op4B-S-2-050	515 mm	0,5 - 25,0 m
630706	PSEN op4B-S-3-080	815 mm	0,5 - 25,0 m
630701	PSEN op4B-T-2-050	515 mm	0,5 - 3,0 m
630702	PSEN op4B-T-3-080	815 mm	0,5 - 3,0 m
Standard Type 4 light grid, finger protection		Height of protected field	Operating range
630740	PSEN op4F-s-14-015/1	150 mm	0,2 - 6,0 m
630741	PSEN op4F-s-14-030/1	300 mm	0,2 - 6,0 m
630742	PSEN op4F-s-14-045/1	450 mm	0,2 - 6,0 m
630743	PSEN op4F-s-14-060/1	600 mm	0,2 - 6,0 m
630744	PSEN op4F-s-14-075/1	750 mm	0,2 - 6,0 m
630745	PSEN op4F-s-14-090/1	900 mm	0,2 - 6,0 m
630746	PSEN op4F-s-14-105/1	1050 mm	0,2 - 6,0 m
630747	PSEN op4F-s-14-120/1	1200 mm	0,2 - 6,0 m
630748	PSEN op4F-s-14-135/1	1350 mm	0,2 - 6,0 m
630749	PSEN op4F-s-14-150/1	1500 mm	0,2 - 6,0 m
630750	PSEN op4F-s-14-165/1	1650 mm	0,2 - 6,0 m
630751	PSEN op4F-s-14-180/1	1800 mm	0,2 - 6,0 m

Sensor technology

Light curtains

PSENopt - with semiconductor outputs

Order number	Description		List Price EUR/Unit
Standard Type 4 light grid, hand protection		Height of protected field	Operating range
630918	PSEN op Lens Shield-135/1		
630760	PSEN op4H-s-30-015/1	150 mm	0,2 - 19,0 m
630761	PSEN op4H-s-30-030/1	300 mm	0,2 - 19,0 m
630762	PSEN op4H-s-30-045/1	450 mm	0,2 - 19,0 m
630763	PSEN op4H-s-30-060/1	600 mm	0,2 - 19,0 m
630764	PSEN op4H-s-30-075/1	750 mm	0,2 - 19,0 m
630765	PSEN op4H-s-30-090/1	900 mm	0,2 - 19,0 m
630766	PSEN op4H-s-30-105/1	1050 mm	0,2 - 19,0 m
630767	PSEN op4H-s-30-120/1	1200 mm	0,2 - 19,0 m
630768	PSEN op4H-s-30-135/1	1350 mm	0,2 - 19,0 m
630769	PSEN op4H-s-30-150/1	1500 mm	0,2 - 19,0 m
630770	PSEN op4H-s-30-165/1	1650 mm	0,2 - 19,0 m
630771	PSEN op4H-s-30-180/1	1800 mm	0,2 - 19,0 m
Advanced Type 2 light grid, hand protection			
631040	PSEN op2H-A-30-030/1		
631041	PSEN op2H-A-30-045/1		
631042	PSEN op2H-A-30-060/1		
631043	PSEN op2H-A-30-075/1		
631044	PSEN op2H-A-30-090/1		
631045	PSEN op2H-A-30-105/1		
631046	PSEN op2H-A-30-120/1		
631047	PSEN op2H-A-30-135/1		
631048	PSEN op2H-A-30-150/1		
631049	PSEN op2H-A-30-165/1		
631050	PSEN op2H-A-30-180/1		
Advanced Type 4 light grid, hand protection			
631020	PSEN op4H-A-30-030/1		
631021	PSEN op4H-A-30-045/1		
631022	PSEN op4H-A-30-060/1		
631023	PSEN op4H-A-30-075/1		
631024	PSEN op4H-A-30-090/1		
631025	PSEN op4H-A-30-105/1		
631026	PSEN op4H-A-30-120/1		
631027	PSEN op4H-A-30-135/1		
631028	PSEN op4H-A-30-150/1		
631029	PSEN op4H-A-30-165/1		
631030	PSEN op4H-A-30-180/1		

Sensor technology

Light curtains

PSENopt - with semiconductor outputs

Order number	Description	List Price EUR/Unit
Advanced Type 4 light grid, finger protection		
631000	PSEN op4F-A-14-030/1	
631001	PSEN op4F-A-14-045/1	
631002	PSEN op4F-A-14-060/1	
631003	PSEN op4F-A-14-075/1	
631004	PSEN op4F-A-14-090/1	
631005	PSEN op4F-A-14-105/1	
631006	PSEN op4F-A-14-120/1	
631007	PSEN op4F-A-14-135/1	
631008	PSEN op4F-A-14-150/1	
631009	PSEN op4F-A-14-165/1	
631010	PSEN op4F-A-14-180/1	
Accessories PSENopt		
		Type of general accessories
631058	PSEN op cascading 0,05m	Adapter cable
631059	PSEN op cascading 0,5m	Adapter cable
631060	PSEN op cascading 1m	Adapter cable
631055	PSEN op pigtail emitter	Adapter cable
631056	PSEN op pigtail receiver b	Adapter cable
631057	PSEN op pigtail receiver m	Adapter cable
630298	PSEN cable M12-5sf 20m	Connection cable
630308	PSEN op cable angle M12 4-p. shield. 10m	Connection cable
630319	PSEN op cable angle M12 4-p. shield. 30m	Connection cable
630306	PSEN op cable angle M12 4-p. shield. 3m	Connection cable
630367	PSEN op cable angle M12 4-p. shield. 50m	Connection cable
630307	PSEN op cable angle M12 4-p. shield. 5m	Connection cable
630341	PSEN op cable angle M12 4-pole 3m	Connection cable
630342	PSEN op cable angle M12 4-pole 5m	Connection cable
630343	PSEN op cable angle M12 4-pole 10m	Connection cable
630344	PSEN op cable angle M12 4-pole 30m	Connection cable
630363	PSEN op cable angle M12 4-pole 50m	Connection cable
630347	PSEN op cable angle M12 5-pole 3m	Connection cable
630365	PSEN op cable angle M12 5-pole 50m	Connection cable
630348	PSEN op cable angle M12 5-pole 5m	Connection cable
630349	PSEN op cable angle M12 5-pole 10m	Connection cable
630350	PSEN op cable angle M12 5-pole 30m	Connection cable
630317	PSEN op cable angle M12 8-p. shield. 5m	Connection cable
630318	PSEN op cable angle M12 8-p. shield. 10m	Connection cable
630329	PSEN op cable angle M12 8-p. shield. 30m	Connection cable
630316	PSEN op cable angle M12 8-p. shield. 3m	Connection cable
630369	PSEN op cable angle M12 8-p. shield. 50m	Connection cable
631082	PSEN op cable axial M12 12-pole 10m	Connection cable
631083	PSEN op cable axial M12 12-pole 20m	Connection cable
631084	PSEN op cable axial M12 12-pole 30m	Connection cable

Sensor technology

Light curtains

PSENopt - with semiconductor outputs

Order number	Description	List Price EUR/Unit
Accessories PSENopt		Type of general accessories
631080	PSEN op cable axial M12 12-pole 3m	Connection cable
631085	PSEN op cable axial M12 12-pole 50m	Connection cable
631081	PSEN op cable axial M12 12-pole 5m	Connection cable
630303	PSEN op cable axial M12 4-p. shield. 3m	Connection cable
630304	PSEN op cable axial M12 4-p. shield. 5m	Connection cable
630305	PSEN op cable axial M12 4-p. shield. 10m	Connection cable
630309	PSEN op cable axial M12 4-p. shield. 30m	Connection cable
630366	PSEN op cable axial M12 4-p. shield. 50m	Connection cable
630302	PSEN op cable axial M12 4-pole 10m	Connection cable
630296	PSEN op cable axial M12 4-pole 30m	Connection cable
630300	PSEN op cable axial M12 4-pole 3m	Connection cable
630362	PSEN op cable axial M12 4-pole 50m	Connection cable
630301	PSEN op cable axial M12 4-pole 5m	Connection cable
630281	PSEN op cable axial M12 5-p. shield. 1m	Connection cable
630280	PSEN op cable axial M12 5-p. shield.0,5m	Connection cable
630312	PSEN op cable axial M12 5-pole 10m	Connection cable
630297	PSEN op cable axial M12 5-pole 30m	Connection cable
630310	PSEN op cable axial M12 5-pole 3m	Connection cable
630364	PSEN op cable axial M12 5-pole 50m	Connection cable
630311	PSEN op cable axial M12 5-pole 5m	Connection cable
630313	PSEN op cable axial M12 8-p. shield. 3m	Connection cable
630314	PSEN op cable axial M12 8-p. shield. 5m	Connection cable
630315	PSEN op cable axial M12 8-p. shield. 10m	Connection cable
630328	PSEN op cable axial M12 8-p. shield. 30m	Connection cable
630368	PSEN op cable axial M12 8-p. shield. 50m	Connection cable
630294	PSEN op cable reel 8-p. shield. 1000m	Connection cable
630711	PSEN 2S/4S mirror	Deviating mirror
630900	PSEN op Mirror-015/1	Deviating mirror
630901	PSEN op Mirror-060/1	Deviating mirror
630902	PSEN op Mirror-090/1	Deviating mirror
630903	PSEN op Mirror-120/1	Deviating mirror
630904	PSEN op Mirror-165/1	Deviating mirror
630905	PSEN op Mirror-190/1	Deviating mirror
630712	PSEN 2S/4S bracket	Fastening element
630326	PSEN op Bracket kit adjustable	Fastening element
630327	PSEN op Bracket kit antivibration	Fastening element
630325	PSEN op Bracket kit	Fastening element
630772	PSEN op bracket turnable (kit)	Fastening element
630324	PSEN op Bracket	Fastening element
631061	PSEN op cascading bracket	Fastening element
630906	PSEN op Mirror Bracket Kit/1	Fastening element
630960	PSEN op Protective Bracket Mirror/1	Fastening element
630956	PSEN op Protective Bracket-4/1	Fastening element
630957	PSEN op Protective Bracket-6/1	Fastening element

Sensor technology

Light curtains

PSENopt - with semiconductor outputs

Order number	Description	List Price EUR/Unit
Accessories PSENopt		Type of general accessories
630714	PSEN op2H bracket kit adjustable	Fastening element
630713	PSEN op2H bracket kit	Fastening element
630910	PSEN op Lens Shield-015/1	Front protection
630911	PSEN op Lens Shield-030/1	Front protection
630912	PSEN op Lens Shield-045/1	Front protection
630913	PSEN op Lens Shield-060/1	Front protection
630914	PSEN op Lens Shield-075/1	Front protection
630915	PSEN op Lens Shield-090/1	Front protection
630916	PSEN op Lens Shield-105/1	Front protection
630917	PSEN op Lens Shield-120/1	Front protection
630919	PSEN op Lens Shield-150/1	Front protection
630920	PSEN op Lens Shield-165/1	Front protection
630921	PSEN op Lens Shield-180/1	Front protection
630922	PSEN op Lens Shield-2-050	Front protection
630923	PSEN op Lens Shield-3-080	Front protection
630924	PSEN op Lens Shield-4-090	Front protection
630925	PSEN op Lens Shield-4-120	Front protection
630930	PSEN op67-69K-015/1	IP69 tube
630931	PSEN op67-69K-030/1	IP69 tube
630932	PSEN op67-69K-045/1	IP69 tube
630933	PSEN op67-69K-060/1	IP69 tube
630934	PSEN op67-69K-075/1	IP69 tube
630935	PSEN op67-69K-090/1	IP69 tube
630936	PSEN op67-69K-105/1	IP69 tube
630937	PSEN op67-69K-120/1	IP69 tube
630938	PSEN op67-69K-135/1	IP69 tube
630939	PSEN op67-69K-150/1	IP69 tube
630940	PSEN op67-69K-165/1	IP69 tube
630941	PSEN op67-69K-180/1	IP69 tube
630955	PSEN op Protective Base/1	Mount/tripod
631073	PSEN op Ethernet cable 10m	Programming cable
631071	PSEN op Ethernet cable 1m	Programming cable
631072	PSEN op Ethernet cable 3m	Programming cable
630961	PSEN op Protective Column 2-050/1	Protective profile
630962	PSEN op Protective Column 3-080/1	Protective profile
630963	PSEN op Protective Column 4-090/1	Protective profile
630964	PSEN op Protective Column 4-120/1	Protective profile
630950	PSEN op Protective Column-060/1	Protective profile
630951	PSEN op Protective Column-090/1	Protective profile
630952	PSEN op Protective Column-120/1	Protective profile
630953	PSEN op Protective Column-165/1	Protective profile
630954	PSEN op Protective Column-190/1	Protective profile
630282	PSEN op cable M12 4-p. 0,75m L-Muting	
630285	PSEN op connector M12 5-p.	

Sensor technology

Light curtains

PSENopt - with semiconductor outputs

Order number	Description	List Price EUR/Unit
Accessories PSENopt		Type of general accessories
630295	PSEN op cableset	
630320	PSEN op1.3 Reflex pnp no/nc M12	
630321	PSEN op1.1 Receiver pnp no/nc M12	
630322	PSEN op1.2 Emitter M12	
630323	PSEN op Reflector	
630340	Laser pointer for PSEN 4/2	
630345	PSEN op Testpiece F 14mm	
630346	PSEN op Testpiece H 30mm	
630707	PSEN op1.4 L-Reflex	
630708	PSEN op1.5 L-Reflector	
630709	PSEN op1.6 T-Reflex	
630710	PSEN op1.7 T-Reflector	
631070	PSEN op Advanced Programming Adapter	

Sensor technology

Safe camera system

PSEnvip - camera-based protection system

Order number	Description	List Price EUR/Unit
PSEnvip		Type in accordance with EC 61496
583040	PSEN vip standard package	
583002	PSEnvip RL D M Set	Type 4
583610	PSEnvip RL D M	Type 4
583007	PSEnvip RL D P Set	Type 4
583601	PSEnvip RL D P	Type 4
583000	PSEnvip RL D Set	Type 4
583600	PSEnvip RL D	Type 4
583900	PSEnvip T	Type 4
Accessories PSEnvip		Type of general accessories
583205	PSEnvip MB	Adapter
583206	PSEnvip MS	Mount/tripod
583200	PSEnvip TP	
583202	PSEnvip AP	
583203	PSEnvip AT mag	
583204	PSEnvip AT mech	

Control technology

Monitoring relays / monitoring devices

PMDsigma - monitoring relays

Order number	Description		List Price EUR/Unit
PMDsigma		Application options	Supply voltage range
760100	PMD s10 24-240VACDC	True power measurement	24 - 240 V
761100	PMD s10 C 24-240VACDC	True power measurement	24 - 240 V
760120	PMD s20 24-240VAC/DC 10-200k / 2U	Insulation monitor, Earth fault monitor	24 - 240 V
761120	PMD s20 C 24-240VAC/DC 10-200k / 2U	Insulation monitor, Earth fault monitor	24 - 240 V

Control technology

Monitoring relays / monitoring devices

PMDsrange - monitoring relays

Order number **Description**

PMDsrange	Application options	Supply voltage range
350001	AFZ A 1 s	
350011	AFZ A 10 s	
350021	AFZ A 100 s	
350031	AFZ A 1000 s	
350006	AFZ A 3 s	
350016	AFZ A 30 s	
350026	AFZ A 300 s	
350038	AFZ A 60 min	
350002	AFZ W 1 s	
350012	AFZ W 10 s	
350007	AFZ W 3 s	
350017	AFZ W 30 s	
490192	P3WP3P C/10A/230VAC	True power measurement
490193	P3WP3P C/5A/400VAC	True power measurement
841000	PFU6 24V-240VAC/DC UM 0-690VAC/DC	Voltage monitoring 24 - 240 V
884100	S1EN 50KOhm 24-240VAC/DC	Insulation monitor, Earth fault monitor 42 - 240 V
884110	S1EN 200KOhm 24-240VAC/DC	Insulation monitor, Earth fault monitor 42 - 240 V
828040	S1IM 110-127VAC IM 0.01-15 A	Current monitoring 110 - 130 V
828050	S1IM 230-240VAC IM 0.01-15 A	Current monitoring 230 - 240 V
828020	S1IM 24VAC IM 0.01-15 A	Current monitoring
828035	S1IM 24VDC IM 0.01-15 A UP	Current monitoring
828010	S1IM 24VDC IM 0.01-15 A	Current monitoring
828030	S1IM 42-48VAC IM 0.01-15 A	Current monitoring 42 - 48 V
840410	S1MN 110VAC 2c/o	Thermistor monitoring
840415	S1MN 230VAC 2c/o	Thermistor monitoring
840420	S1MN 240VAC 2c/o	Thermistor monitoring
840400	S1MN 24VAC/DC 2c/o	Thermistor monitoring
839425	S1MN 400VAC 2c/o	Thermistor monitoring
840405	S1MN 48VAC 2c/o	Thermistor monitoring
839410	S1MN Ex 110VAC 2c/o	Thermistor monitoring
839415	S1MN Ex 230VAC 2c/o	Thermistor monitoring
839420	S1MN Ex 240VAC 2c/o	Thermistor monitoring
839400	S1MN Ex 24VAC/DC 2c/o	Thermistor monitoring
839405	S1MN Ex 48VAC 2c/o	Thermistor monitoring
840630	S1MO 110VAC 2c/o	Thermistor monitoring
840650	S1MO 230VAC 2c/o	Thermistor monitoring
840655	S1MO 240VAC 2c/o	Thermistor monitoring
840600	S1MO 24VAC/DC 2c/o	Thermistor monitoring
840620	S1MO 48VAC 2c/o	Thermistor monitoring
839630	S1MO Ex 110VAC 2c/o	Thermistor monitoring
839650	S1MO Ex 230VAC 2c/o	Thermistor monitoring
839655	S1MO Ex 240VAC 2c/o	Thermistor monitoring
839600	S1MO Ex 24VAC/DC 2c/o	Thermistor monitoring
840740	S1MS 110VAC 2c/o	Thermistor monitoring

Control technology

Monitoring relays / monitoring devices

PMDsrange - monitoring relays

Order number	Description		
PMDsrange		Application options	Supply voltage range
840760	S1MS 230VAC 2c/o	Thermistor monitoring	
840765	S1MS 240VAC 2c/o	Thermistor monitoring	
840775	S1MS 24VAC/DC 2c/o	Thermistor monitoring	
839770	S1MS 400VAC 2c/o	Thermistor monitoring	
840725	S1MS 48VAC 2c/o	Thermistor monitoring	
839740	S1MS Ex 110VAC 2c/o	Thermistor monitoring	
839760	S1MS Ex 230VAC 2c/o	Thermistor monitoring	
839765	S1MS Ex 240VAC 2c/o	Thermistor monitoring	
839775	S1MS Ex 24VAC/DC 2c/o	Thermistor monitoring	
839725	S1MS Ex 48VAC 2c/o	Thermistor monitoring	
890200	S1PN 200-240VAC 2c/o	Phase monitoring	200 - 240 V
890210	S1PN 400-500VAC 2c/o	Phase monitoring	400 - 500 V
890220	S1PN 550-690VAC 2c/o	Phase monitoring	550 - 690 V
407710	S1SW P 24-240VACDC UM 0-690VAC/DC	Standstill monitoring	24 - 240 V
838000	S1UK 24VACDC 120/240VAC UM 1VAC/DC	Voltage monitoring	
827255	S1UM 110-130VAC UM 0.1-500VAC/DC UP	Voltage monitoring	110 - 130 V
827250	S1UM 110-130VAC UM 0.1-500VAC/DC	Voltage monitoring	110 - 130 V
827265	S1UM 230-240VAC UM 0.1-500VAC/DC UP	Voltage monitoring	230 - 240 V
827260	S1UM 230-240VAC UM 0.1-500VAC/DC	Voltage monitoring	230 - 240 V
827235	S1UM 24VAC UM 0.1-500VAC/DC UP	Voltage monitoring	
827230	S1UM 24VAC UM 0.1-500VAC/DC	Voltage monitoring	
827220	S1UM 24VAC/DC UM 0.1-500VAC/DC	Voltage monitoring	
827225	S1UM 24VDC UM 0.1-500VAC/DC UP	Voltage monitoring	
827245	S1UM 42-48VAC UM 0.1-500VAC/DC UP	Voltage monitoring	42 - 48 V
827240	S1UM 42-48VAC UM 0.1-500VAC/DC	Voltage monitoring	42 - 48 V
890140	S1WP 18A 110-230VAC/DC UM 0-120VAC/DC	True power measurement	
890150	S1WP 18A 110-230VAC/DC UM 0-240VAC/DC	True power measurement	
890165	S1WP 18A 110-230VAC/DC UM 0-415VAC 0%	True power measurement	
890160	S1WP 18A 110-230VAC/DC UM 0-415VAC/DC	True power measurement	
890170	S1WP 18A 110-230VAC/DC UM 0-550VAC/DC	True power measurement	
890100	S1WP 18A 24VDC UM 0-120VAC/DC	True power measurement	
890110	S1WP 18A 24VDC UM 0-240VAC/DC	True power measurement	
890120	S1WP 18A 24VDC UM 0-415VAC/DC	True power measurement	
890130	S1WP 18A 24VDC UM 0-550VAC/DC	True power measurement	
890004	S1WP 4A 110-230VAC/DC UM 0-415VAC 0%	True power measurement	
890050	S1WP 9A 110-230VAC/DC UM 0-240VAC/DC	True power measurement	
890065	S1WP 9A 110-230VAC/DC UM 0-415VAC 0%	True power measurement	
890060	S1WP 9A 110-230VAC/DC UM 0-415VAC/DC	True power measurement	
890070	S1WP 9A 110-230VAC/DC UM 0-550VAC/DC	True power measurement	
890071	S1WP 9A 110-230VAC/DC UM 0-550VACDC Ts=0	True power measurement	
890000	S1WP 9A 24VDC UM 0-120VAC/DC	True power measurement	
890010	S1WP 9A 24VDC UM 0-240VAC/DC	True power measurement	
890020	S1WP 9A 24VDC UM 0-415VAC/DC	True power measurement	
890030	S1WP 9A 24VDC UM 0-550VAC/DC	True power measurement	
837395	S3UM 120VAC UM 440/480VAC	Voltage monitoring	

Control technology

Monitoring relays / monitoring devices

PMDsrange - monitoring relays

Order number	Description		
PMDsrange		Application options	Supply voltage range
837360	S3UM 230VAC UM 230VAC	Voltage monitoring	
837370	S3UM 230VAC UM 400/440VAC	Voltage monitoring	
837380	S3UM 230VAC UM 415/460VAC	Voltage monitoring	
837390	S3UM 230VAC UM 500/550VAC	Voltage monitoring	
837300	S3UM 24VAC UM 208/400/480VAC	Voltage monitoring	
837251	S3UM 24VDC UM 100/110VAC H40	Voltage monitoring	
837250	S3UM 24VDC UM 100/110VAC	Voltage monitoring	
837305	S3UM 24VDC UM 208/400/480VAC	Voltage monitoring	
837260	S3UM 24VDC UM 230VAC	Voltage monitoring	
837271	S3UM 24VDC UM 400/440VAC H40	Voltage monitoring	
837270	S3UM 24VDC UM 400/440VAC	Voltage monitoring	
837280	S3UM 24VDC UM 415/460VAC	Voltage monitoring	
837240	S3UM 24VDC UM 42VAC	Voltage monitoring	
837285	S3UM 24VDC UM 440/480VAC	Voltage monitoring	
837290	S3UM 24VDC UM 500/550VAC	Voltage monitoring	
827100	ZUZ 24VDC 24/110/230VAC 2c/o		24 - 230 V
827110	ZUZ-S 42/48/120/240VAC 2c/o		42 - 240 V
Accessories PMDsrange		Type of general accessories	
374007	H-REDUZIERRING	Fastening element	
325005	FB/F10/2,2MOHM NEUTRALE SKALA		
325006	FB/F10/1MOHM NEUTRALE SKALA		
325008	FB/F10/100KOHM NEUTRALER SKALA		
325101	FB/F10/1SEC/47 KOHM		
325110	FB/F10/1SEC.POT 470KOHM		
325202	FB/F10/3SEK. /POT 470 KO		
325203	FB/F10/3SEC.POT. 500KO		
325205	FB/F10/3SEC./POT.2,2MOHM		
325304	FB/F10/10 SEK.POT.1 MO		
325305	FB/F10/10SEC./POT.2,2MOHM		
325306	FB/F10/10SEC. POT. 5MO		
325307	FB/F10/10SEC. POT. 10MO		
325406	FB/F10/30SEC.POT. 5MO		
325609	FB/F10/10SEK. POT.470KOHM		
325905	FB/F10/470KO NEUTRALER SKALA		
326101	FB/F11/1 SEC.		
326201	FB/F11/3SEC.		
326301	FB/F11/10 SEC.		
326401	FB/F11/30SEC.		
326601	FB/F11/100 SEC		
326611	FB/F11/180SEK.		
326701	FB/F11/1000SEC.		
326711	FB/F11/300SEC		

Control technology

Monitoring relays / monitoring devices

PMDsrange - monitoring relays

Order number **Description**

Accessories PMDsrange

Type of general accessories

326901	FB/F11/4,7KO NEUTR. SKALA 0-10
326902	FB/F11/1KO NEUTR.SKALA 0-10
326903	FB/F11/10KO NEUTR.
326904	FB/F11/2,2KO NEUTR.SKALA 0-10
373001	CLEAR PROTECTIVE HOOD TYPE AKH
373002	H-SCHLUESSEL F.ABDECKHAUBE
374004	H-HAUBE P75 MIT PLOMBE
374005	H-KLEMMENABDECKUNG Zeichn.-Nr. 90923
374110	WASHER
839399	Ex separating chamber attachment

Control technology

Safety relays / protection relays

PNOZsigma - safety relays

Order number	Description		
E-STOP, safety gates, light barriers		Terminal type	Width dimension
750101	PNOZ s1 24VDC 2 n/o	Screw terminal	12.5 mm
751101	PNOZ s1 C 24VDC 2 n/o	Spring-loaded terminal	12.5 mm
750102	PNOZ s2 24VDC 3 n/o 1 n/c	Screw terminal	17.5 mm
751102	PNOZ s2 C 24VDC 3 n/o 1 n/c	Spring-loaded terminal	17.5 mm
750103	PNOZ s3 24VDC 2 n/o	Screw terminal	17.5 mm
751103	PNOZ s3 C 24VDC 2 n/o	Spring-loaded terminal	17.5 mm
750104	PNOZ s4 24VDC 3 n/o 1 n/c	Screw terminal	22.5 mm
750134	PNOZ s4 48-240VACDC 3 n/o 1 n/c	Screw terminal	22.5 mm
751184	PNOZ s4 C 24VDC 3 n/o 1 n/c coated	Spring-loaded terminal	22.5 mm
751104	PNOZ s4 C 24VDC 3 n/o 1 n/c	Spring-loaded terminal	22.5 mm
751134	PNOZ s4 C 48-240VACDC 3 n/o 1 n/c	Spring-loaded terminal	22.5 mm
750124	PNOZ s4.1 24VDC 3 n/o 1 n/c	Screw terminal	22.5 mm
750154	PNOZ s4.1 48-240VACDC 3 n/o 1 n/c	Screw terminal	22.5 mm
751124	PNOZ s4.1 C 24VDC 3 n/o 1 n/c	Spring-loaded terminal	22.5 mm
751154	PNOZ s4.1 C 48-240VACDC 3 n/o 1 n/c	Spring-loaded terminal	22.5 mm
Two-hand operation		Width dimension	Application options
750106	PNOZ s6 24VDC 3 n/o 1 n/c	22.5 mm	Two-hand monitoring Type III C
750136	PNOZ s6 48-240VACDC 3 n/o 1 n/c	22.5 mm	Two-hand monitoring Type III C
751106	PNOZ s6 C 24VDC 3 n/o 1 n/c	22.5 mm	Two-hand monitoring Type III C
751136	PNOZ s6 C 48-240VACDC 3 n/o 1 n/c	22.5 mm	Two-hand monitoring Type III C
750126	PNOZ s6.1 24VDC 3 n/o 1 n/c	22.5 mm	Two-hand monitoring Type III A, Simultaneity monitoring
750156	PNOZ s6.1 48-240VACDC 3 n/o 1 n/c	22.5 mm	Two-hand monitoring Type III A, Simultaneity monitoring
751126	PNOZ s6.1 C 24VDC 3 n/o 1 n/c	22.5 mm	Two-hand monitoring Type III A, Simultaneity monitoring
751156	PNOZ s6.1 C 48-240VACDC 3 n/o 1 n/c	22.5 mm	Two-hand monitoring Type III A, Simultaneity monitoring
Speed monitoring		Terminal type	Width dimension
750330	PNOZ s30 24-240VACDC 2 n/o 2 n/c	Screw terminal	45.0 mm
751330	PNOZ s30 C 24-240VACDC 2 n/o 2 n/c	Spring-loaded terminal	45.0 mm
Brake control			
751500	PNOZ s50 C		

Control technology

Safety relays / protection relays

PNOZsigma - safety relays

Order number	Description			
		Time monitoring	Terminal type	Width dimension
750105	PNOZ s5 24VDC 2 n/o 2 n/o t		Screw terminal	22.5 mm
750135	PNOZ s5 48-240VACDC 2 n/o 2 n/o t		Screw terminal	22.5 mm
751185	PNOZ s5 C 24VDC 2 n/o 2 n/o t coated		Spring-loaded terminal	22.5 mm
751105	PNOZ s5 C 24VDC 2 n/o 2 n/o t		Spring-loaded terminal	22.5 mm
751135	PNOZ s5 C 48-240VACDC 2 n/o 2 n/o t		Spring-loaded terminal	22.5 mm
750109	PNOZ s9 24VDC 3 n/o 1 n/c t		Screw terminal	17.5 mm
751909	PNOZ s9 C (10 pcs.)			
751109	PNOZ s9 C 24VDC 3 n/o 1 n/c t		spring-loaded terminal, plug in	17.5 mm
751189	PNOZ s9 C 24VDC 3 n/o t 1 n/c t coated		spring-loaded terminal, plug in	17.5 mm
		Contact expansions	Terminal type	Width dimension
750110	PNOZ s10 24VDC 4 n/o 1 n/c		Screw terminal	45.0 mm
751110	PNOZ s10 C 24VDC 4 n/o 1 n/c		Cage clamp terminal	45.0 mm
750111	PNOZ s11 24VDC 8 n/o 1 n/c		Screw terminal	45.0 mm
751111	PNOZ s11 C 24VDC 8 n/o 1 n/c		Cage clamp terminal	45.0 mm
750132	PNOZ s22 24VDC 2 x 3 n/o 1 n/c		Screw terminal	22.5 mm
751132	PNOZ s22 C 24VDC 2 x 3 n/o 1 n/c		Spring-loaded terminal	22.5 mm
750107	PNOZ s7 24VDC 4 n/o 1 n/c		Screw terminal	17.5 mm
751107	PNOZ s7 C 24VDC 4 n/o 1 n/c		Cage clamp terminal	17.5 mm
751187	PNOZ s7 C 4 n/o 1 n/c coated		Cage clamp terminal	17.5 mm
750167	PNOZ s7.1 24VDC 3 n/o 1 n/c cascade		Screw terminal	17.5 mm
751167	PNOZ s7.1 C 24VDC 3 n/o 1 n/c cascade		Cage clamp terminal	17.5 mm
750177	PNOZ s7.2 24VDC 4 n/o 1 n/c expand		Screw terminal	17.5 mm
751177	PNOZ s7.2 C 24VDC 4 n/o 1 n/c expand		Cage clamp terminal	17.5 mm
750108	PNOZ s8 24VDC 2 n/o		Screw terminal	12.5 mm
751108	PNOZ s8 C 24VDC 2 n/o		Spring-loaded terminal	12.5 mm
		Accessories PNOZsigma	Type of general accessories	
750020	PNOZ s connector (10 pieces)		Connection cable	
750910	PNOZ s nIE		Filter terminal	
750900	PNOZ s pIE		Filter terminal	
750008	PNOZ s Set1screw terminals 45mm		Terminal kit	
751008	PNOZ s Set1spring loaded terminals 45mm		Terminal kit	
750012	PNOZ s Set2screw terminals 45mm		Terminal kit	
751012	PNOZ s Set2spring loaded terminals 45mm		Terminal kit	
750014	PNOZ s Set3screw terminals 45mm		Terminal kit	
751014	PNOZ s Set3spring loaded terminals 45mm		Terminal kit	
750002	PNOZ s Setscrew terminals 12,5mm		Terminal kit	
750003	PNOZ s Setscrew terminals 17,5mm		Terminal kit	
750004	PNOZ s Setscrew terminals 22,5mm		Terminal kit	
751002	PNOZ s Setspring loaded terminals 12,5mm		Terminal kit	

Control technology

Safety relays / protection relays

PNOZsigma - safety relays

**Order
number** **Description**

Accessories PNOZsigma

**Type of general
accessories**

751003	PNOZ s Setspring loaded terminals 17,5mm	Terminal kit
751004	PNOZ s Setspring loaded terminals 22,5mm	Terminal kit
750010	PNOZ s terminator plug (10 pieces)	Terminating resistor

Control technology

Safety relays / protection relays

PNOZ X - safety relays

Order number	Description	Terminal type	Width dimension
474123	PNKL 110VAC/24VDC	Screw terminal	90.0 mm
474127	PNKL 230VAC/24VDC	Screw terminal	90.0 mm
474120	PNKL 24VAC/24VDC	Screw terminal	90.0 mm
775620	PNOZ 1 48VAC 3n/o 1n/c	Screw terminal	90.0 mm
775630	PNOZ 1 110-120VAC 3n/o 1n/c	Screw terminal	90.0 mm
775650	PNOZ 1 230-240VAC 3n/o 1n/c	Screw terminal	90.0 mm
775600	PNOZ 1 24VAC 3n/o 1n/c	Screw terminal	90.0 mm
775695	PNOZ 1 24VDC 3n/o 1n/c	Screw terminal	90.0 mm
774003	PNOZ 10 110-120VAC 6n/o 4n/c	Screw terminal	90.0 mm
774006	PNOZ 10 230-240VAC 6n/o 4n/c	Screw terminal	90.0 mm
774000	PNOZ 10 24VAC 6n/o 4n/c	Screw terminal	90.0 mm
774009	PNOZ 10 24VDC 6n/o 4n/c	Screw terminal	90.0 mm
774002	PNOZ 10 48VAC 6n/o 4n/c	Screw terminal	90.0 mm
774085	PNOZ 11 110-120VAC 24VDC 7n/o 1n/c	Screw terminal	90.0 mm
774086	PNOZ 11 230-240VAC 24VDC 7n/o 1n/c	Screw terminal	90.0 mm
774080	PNOZ 11 24VAC 24VDC 7n/o 1n/c	Screw terminal	90.0 mm
774081	PNOZ 11 42VAC 24VDC 7n/o 1n/c	Screw terminal	90.0 mm
774082	PNOZ 11 48VAC 24VDC 7n/o 1n/c	Screw terminal	90.0 mm
774050	PNOZ 15 24VDC 3n/o 1n/o 1n/c	Screw terminal	90.0 mm
775830	PNOZ 2 110VAC 3n/o 1n/c	Screw terminal	90.0 mm
775850	PNOZ 2 230VAC 3n/o 1n/c	Screw terminal	90.0 mm
775800	PNOZ 2 24VAC 3n/o 1n/c	Screw terminal	90.0 mm
775810	PNOZ 2 42VAC 3n/o 1n/c	Screw terminal	90.0 mm
774012	PNOZ 2VJ 24VDC 3n/o 1n/c 2n/o t	Screw terminal	112.5 mm
774013	PNOZ 2VQ 24VDC 3n/o 1n/c 2n/o t	Screw terminal	112.5 mm
774764	PNOZ 8 110VAC 3n/o 1n/c 2so	Screw terminal	90.0 mm
774768	PNOZ 8 230VAC 3n/o 1n/c 2so	Screw terminal	90.0 mm
774760	PNOZ 8 24VDC 3n/o 1n/c 2so	Screw terminal	90.0 mm
774106	PNOZ EX 115VAC 3n/o 1n/c FM/USA	Screw terminal	112.5 mm
774104	PNOZ EX 115VAC 3n/o 1n/c	Screw terminal	112.5 mm
774107	PNOZ EX 120VAC 3n/o 1n/c FM/USA	Screw terminal	112.5 mm
774105	PNOZ EX 120VAC 3n/o 1n/c	Screw terminal	112.5 mm
774108	PNOZ EX 230VAC 3n/o 1n/c FM/USA	Screw terminal	112.5 mm
774100	PNOZ EX 230VAC 3n/o 1n/c	Screw terminal	112.5 mm
774789	PNOZ V 3s 24VDC 3n/o 1n/c 1n/o t	Screw terminal	90.0 mm
774791	PNOZ V 300s 24VDC 3n/o 1n/c 1n/o t	Screw terminal	90.0 mm
774790	PNOZ V 30s 24VDC 3n/o 1n/c 1n/o t	Screw terminal	90.0 mm
774300	PNOZ X1 24VAC/DC 3n/o 1n/c	Screw terminal	22.5 mm
774703	PNOZ X10 110-120VAC 6n/o 4n/c 3LED	Screw terminal	90.0 mm
774706	PNOZ X10 230-240VAC 6n/o 4n/c 3LED	Screw terminal	90.0 mm
774700	PNOZ X10 24VAC 6n/o 4n/c 3LED	Screw terminal	90.0 mm
774709	PNOZ X10 24VDC 6n/o 4n/c 3LED	Screw terminal	90.0 mm
774701	PNOZ X10 42VAC 6n/o 4n/c 3LED	Screw terminal	90.0 mm
774745	PNOZ X10.1 110-120VAC 6n/o 4n/c 6LED	Screw terminal	90.0 mm
774746	PNOZ X10.1 230-240VAC 6n/o 4n/c 6LED	Screw terminal	90.0 mm

Control technology

Safety relays / protection relays

PNOZ X - safety relays

Order number	Description	Terminal type	Width dimension
774740	PNOZ X10.1 24 VAC 6n/o 4n/c 6LED	Screw terminal	90.0 mm
774749	PNOZ X10.1 24VDC 6n/o 4n/c 6LED	Screw terminal	90.0 mm
774741	PNOZ X10.1 42 VAC 6n/o 4n/c 6LED	Screw terminal	90.0 mm
777750	PNOZ X10.11P 24VDC 6n/o 4n/c 6LED	Screw terminal	90.0 mm
787750	PNOZ X10.11P C 24VDC 6n/o 4n/c 6LED	Cage clamp terminal	90.0 mm
777083	PNOZ X11P 110-120VAC 24VDC 7n/o 1n/c 2so	Screw terminal	90.0 mm
777086	PNOZ X11P 230-240VAC 24VDC 7n/o 1n/c 2so	Screw terminal	90.0 mm
777080	PNOZ X11P 24VAC 24VDC 7n/o 1n/c 2so	Screw terminal	90.0 mm
787083	PNOZ X11P C 110-120VAC 7n/o 1n/c 2so	Cage clamp terminal	90.0 mm
787086	PNOZ X11P C 230-240VAC 7n/o 1n/c 2so	Cage clamp terminal	90.0 mm
787080	PNOZ X11P C 24VAC 24VDC 7n/o 1n/c 2so	Cage clamp terminal	90.0 mm
774549	PNOZ X13 24VDC 5n/o 1n/c	Screw terminal	45.0 mm
777100	PNOZ X1P 24VDC 3n/o 1n/c	Screw terminal	22.5 mm
787100	PNOZ X1P C 24VDC 3n/o 1n/c	Cage clamp terminal	22.5 mm
774303	PNOZ X2 24VAC/DC 2n/o	Screw terminal	22.5 mm
774306	PNOZ X2.1 24VAC/DC 2n/o	Screw terminal	22.5 mm
774305	PNOZ X2.1C 24VAC/DC 2n/o	Screw terminal	45.0 mm
774607	PNOZ X2.2 24VAC/DC 2n/o	Screw terminal	22.5 mm
777304	PNOZ X2.3P 24VACDC 3n/o	Screw terminal	22.5 mm
787304	PNOZ X2.3P C 24VACDC 3n/o	Cage clamp terminal	22.5 mm
777308	PNOZ X2.5P 24VDC 2n/o 1so	Screw terminal	22.5 mm
787308	PNOZ X2.5P C 24VDC 2n/o 1so	Cage clamp terminal	22.5 mm
777306	PNOZ X2.7P 24-240VAC/DC 3n/o 1n/c	Screw terminal	22.5 mm
777305	PNOZ X2.7P 24VACDC 3n/o 1n/c	Screw terminal	22.5 mm
787306	PNOZ X2.7P C 24-240VAC/DC 3n/o 1n/c	Cage clamp terminal	22.5 mm
787305	PNOZ X2.7P C 24VACDC 3n/o 1n/c	Cage clamp terminal	22.5 mm
777302	PNOZ X2.8P 24-240VAC/DC 3n/o 1n/c	Screw terminal	22.5 mm
777301	PNOZ X2.8P 24VACDC 3n/o 1n/c	Screw terminal	22.5 mm
787302	PNOZ X2.8P C 24-240VAC/DC 3n/o 1n/c	Cage clamp terminal	22.5 mm
787301	PNOZ X2.8P C 24VACDC 3n/o 1n/c	Cage clamp terminal	22.5 mm
777300	PNOZ X2.9P 24VDC 3n/o 1n/c	Screw terminal	22.5 mm
787300	PNOZ X2.9P C 24VDC 3n/o 1n/c	Cage clamp terminal	22.5 mm
774304	PNOZ X2C 24VAC/DC 2n/o	Screw terminal	45.0 mm
777303	PNOZ X2P 24VACDC 2n/o	Screw terminal	22.5 mm
777307	PNOZ X2P 48-240VACDC 2n/o	Screw terminal	22.5 mm
787303	PNOZ X2P C 24VACDC 2n/o	Cage clamp terminal	22.5 mm
787307	PNOZ X2P C 48-240VACDC 2n/o	Cage clamp terminal	22.5 mm
774314	PNOZ X3 110VAC 24VDC 3n/o 1n/c 1so	Screw terminal	45.0 mm
774315	PNOZ X3 115VAC 24VDC 3n/o 1n/c 1so	Screw terminal	45.0 mm
774316	PNOZ X3 120VAC 24VDC 3n/o 1n/c 1so	Screw terminal	45.0 mm
774318	PNOZ X3 230VAC 24VDC 3n/o 1n/c 1so	Screw terminal	45.0 mm
774319	PNOZ X3 240VAC 24VDC 3n/o 1n/c 1so	Screw terminal	45.0 mm
774310	PNOZ X3 24VAC 24VDC 3n/o 1n/c 1so	Screw terminal	45.0 mm
774311	PNOZ X3 42VAC 24VDC 3n/o 1n/c 1so	Screw terminal	45.0 mm
774312	PNOZ X3 48VAC 24VDC 3n/o 1n/c 1so	Screw terminal	45.0 mm

Control technology

Safety relays / protection relays

PNOZ X - safety relays

Order number	Description	Terminal type	Width dimension
774321	PNOZ X3.1 230VAC 24VDC 3n/o 1n/c 1so	Screw terminal	45.0 mm
774322	PNOZ X3.1 240VAC 24VDC 3n/o 1n/c 1so	Screw terminal	45.0 mm
777314	PNOZ X3.10P 24VACDC 3n/o 1n/c 1so	Screw terminal	45.0 mm
787314	PNOZ X3.10P C 24VACDC 3n/o 1n/c 1so	Cage clamp terminal	45.0 mm
774309	PNOZ X3.2 230VAC 24VDC 3n/o 1n/c 1so	Screw terminal	45.0 mm
777313	PNOZ X3P 24-240VACDC 3n/o 1n/c 1so	Screw terminal	45.0 mm
787313	PNOZ X3P C 24-240VACDC 3n/o 1n/c 1so	Cage clamp terminal	45.0 mm
777310	PNOZ X3P 24VDC 24VAC 3n/o 1n/c 1so	Screw terminal	45.0 mm
787310	PNOZ X3P C 24VDC 24VAC 3n/o 1n/c 1so	Cage clamp terminal	45.0 mm
774734	PNOZ X4 110VAC 3n/o 1n/c	Screw terminal	45.0 mm
774735	PNOZ X4 115VAC 3n/o 1n/c	Screw terminal	45.0 mm
774736	PNOZ X4 120VAC 3n/o 1n/c	Screw terminal	45.0 mm
774738	PNOZ X4 230VAC 3n/o 1n/c	Screw terminal	45.0 mm
774739	PNOZ X4 240VAC 3n/o 1n/c	Screw terminal	45.0 mm
774731	PNOZ X4 24VAC 3n/o 1n/c	Screw terminal	45.0 mm
774730	PNOZ X4 24VDC 3n/o 1n/c	Screw terminal	45.0 mm
774326	PNOZ X5 12VDC 2n/o	Screw terminal	22.5 mm
774325	PNOZ X5 24VACDC 2n/o	Screw terminal	22.5 mm
774324	PNOZ X5.1 24VDC 2n/o	Screw terminal	22.5 mm
774323	PNOZ X5J 24VDC 2n/o	Screw terminal	22.5 mm
774725	PNOZ X6 110-120VAC 3n/o	Screw terminal	45.0 mm
774726	PNOZ X6 230-240VAC 3n/o	Screw terminal	45.0 mm
774729	PNOZ X6 24VAC 24VDC 3n/o	Screw terminal	45.0 mm
774721	PNOZ X6 42VAC 3n/o	Screw terminal	45.0 mm
774053	PNOZ X7 110VAC 2n/o	Screw terminal	22.5 mm
774054	PNOZ X7 115VAC 2n/o	Screw terminal	22.5 mm
774055	PNOZ X7 120VAC 2n/o	Screw terminal	22.5 mm
774056	PNOZ X7 230VAC 2n/o	Screw terminal	22.5 mm
774057	PNOZ X7 240VAC 2n/o	Screw terminal	22.5 mm
774059	PNOZ X7 24VACDC 2n/o	Screw terminal	22.5 mm
774058	PNOZ X7 42VAC 2n/o	Screw terminal	22.5 mm
774049	PNOZ X7 48VAC 2n/o	Screw terminal	22.5 mm
774051	PNOZ X7.1 24VAC/DC 1n/o 1n/c	Screw terminal	22.5 mm
777053	PNOZ X7P 110-120VAC 2n/o	Screw terminal	22.5 mm
777056	PNOZ X7P 230-240VAC 2n/o	Screw terminal	22.5 mm
777059	PNOZ X7P 24VAC/DC 2n/o	Screw terminal	22.5 mm
787053	PNOZ X7P C 110-120VAC 2n/o	Cage clamp terminal	22.5 mm
787056	PNOZ X7P C 230-240VAC 2n/o	Cage clamp terminal	22.5 mm
787059	PNOZ X7P C 24VAC/DC 2n/o	Cage clamp terminal	22.5 mm
777764	PNOZ X8P 110VAC 3n/o 2n/c 2so	Screw terminal	45.0 mm
777765	PNOZ X8P 115VAC 3n/o 2n/c 2so	Screw terminal	45.0 mm
777766	PNOZ X8P 120VAC 3n/o 2n/c 2so	Screw terminal	45.0 mm
777768	PNOZ X8P 230VAC 3n/o 2n/c 2so	Screw terminal	45.0 mm
777760	PNOZ X8P 24 VDC 3n/o 2n/c 2so	Screw terminal	45.0 mm
777770	PNOZ X8P 24VAC 3n/o 2n/c 2so	Screw terminal	45.0 mm

Control technology

Safety relays / protection relays

PNOZ X - safety relays

Order number	Description		
E-STOP, safety gates, light barriers		Terminal type	Width dimension
787764	PNOZ X8P C 110VAC 3n/o 2n/c 2so	Cage clamp terminal	45.0 mm
787766	PNOZ X8P C 120VAC 3n/o 2n/c 2so	Cage clamp terminal	45.0 mm
787768	PNOZ X8P C 230VAC 3n/o 2n/c 2so	Cage clamp terminal	45.0 mm
787760	PNOZ X8P C 24 VDC 3n/o 2n/c 2so	Cage clamp terminal	45.0 mm
787770	PNOZ X8P C 24VAC 3n/o 2n/c 2so	Cage clamp terminal	45.0 mm
774605	PNOZ X9 100-120VAC 24VDC 7n/o 2n/c 2so	Screw terminal	90.0 mm
774606	PNOZ X9 200-230VAC 24VDC 7n/o 2n/c 2so	Screw terminal	90.0 mm
774609	PNOZ X9 24VAC 24VDC 7n/o 2 n/c 2so	Screw terminal	90.0 mm
774601	PNOZ X9 42VAC 24VDC 7n/o 2n/c 2so	Screw terminal	90.0 mm
777607	PNOZ X9P 12VDC 7n/o 2n/c 2so	Screw terminal	90.0 mm
777606	PNOZ X9P 24DC 24-240VACDC 7no 2nc 2so	Screw terminal	90.0 mm
777609	PNOZ X9P 24VDC 7n/o 2n/c 2so	Screw terminal	90.0 mm
787606	PNOZ X9P C 24DC 24-240VACDC 7no 2nc 2so	Cage clamp terminal	90.0 mm
787609	PNOZ X9P C 24VDC 7n/o 2n/c 2so	Cage clamp terminal	90.0 mm
774560	PNOZ XHCV 0,7/24VDC 2n/o fix		112.5 mm
720308	PST 4 110 V AC 6N/O 4N/C	Screw terminal	90.0 mm
720309	PST 4 230 V AC 6N/O 4N/C	Screw terminal	90.0 mm
720301	PST 4 24 V AC 6N/O 4N/C	Screw terminal	90.0 mm
720300	PST 4 24 V DC 6N/O 4N/C	Screw terminal	90.0 mm
Two-hand operation		Width dimension	Application options
774360	P1HZ X1 24VDC 2n/o	22.5 mm	Two-hand monitoring Type III A
774434	P2HZ X1 110VAC 3n/o 1n/c	45.0 mm	Two-hand monitoring Type III C
774435	P2HZ X1 115VAC 3n/o 1n/c	45.0 mm	Two-hand monitoring Type III C
774436	P2HZ X1 120VAC 3n/o 1n/c	45.0 mm	Two-hand monitoring Type III C
774438	P2HZ X1 230VAC 3n/o 1n/c	45.0 mm	Two-hand monitoring Type III C
774439	P2HZ X1 240VAC 3n/o 1n/c	45.0 mm	Two-hand monitoring Type III C
774330	P2HZ X1 24VAC 3n/o 1n/c	45.0 mm	Two-hand monitoring Type III C
774340	P2HZ X1 24VDC 3n/o 1n/c	45.0 mm	Two-hand monitoring Type III C
774341	P2HZ X1 26VDC 3n/o 1n/c	45.0 mm	Two-hand monitoring Type III C
774331	P2HZ X1 42VAC 3n/o 1n/c	45.0 mm	Two-hand monitoring Type III C
774332	P2HZ X1 48VAC 3n/o 1n/c	45.0 mm	Two-hand monitoring Type III C
777341	P2HZ X1.10P 24VDC 3n/o 1n/c 2so	45.0 mm	Two-hand monitoring Type III C
787341	P2HZ X1.10P C 24VDC 3n/o 1n/c 2so	45.0 mm	Two-hand monitoring Type III C

Control technology

Safety relays / protection relays

PNOZ X - safety relays

Order number	Description		
Two-hand operation		Width dimension	Application options
777434	P2HZ X1P 110VAC 3n/o 1n/c 2so	45.0 mm	Two-hand monitoring Type III C
777435	P2HZ X1P 115VAC 3n/o 1n/c 2so	45.0 mm	Two-hand monitoring Type III C
777436	P2HZ X1P 120VAC 3n/o 1n/c 2so	45.0 mm	Two-hand monitoring Type III C
777438	P2HZ X1P 230VAC 3n/o 1n/c 2so	45.0 mm	Two-hand monitoring Type III C
777439	P2HZ X1P 240VAC 3n/o 1n/c 2so	45.0 mm	Two-hand monitoring Type III C
777330	P2HZ X1P 24VAC 3n/o 1n/c 2so	45.0 mm	Two-hand monitoring Type III C
777340	P2HZ X1P 24VDC 3n/o 1n/c 2so	45.0 mm	Two-hand monitoring Type III C
777331	P2HZ X1P 42VAC 3n/o 1n/c 2so	45.0 mm	Two-hand monitoring Type III C
787434	P2HZ X1P C 110VAC 3n/o 1n/c 2so	45.0 mm	Two-hand monitoring Type III C
787435	P2HZ X1P C 115VAC 3n/o 1n/c 2so	45.0 mm	Two-hand monitoring Type III C
787438	P2HZ X1P C 230VAC 3n/o 1n/c 2so	45.0 mm	Two-hand monitoring Type III C
787439	P2HZ X1P C 240VAC 3n/o 1n/c 2so	45.0 mm	Two-hand monitoring Type III C
787330	P2HZ X1P C 24VAC 3n/o 1n/c 2so	45.0 mm	Two-hand monitoring Type III C
787340	P2HZ X1P C 24VDC 3n/o 1n/c 2so	45.0 mm	Two-hand monitoring Type III C
787331	P2HZ X1P C 42VAC 3n/o 1n/c 2so	45.0 mm	Two-hand monitoring Type III C
774350	P2HZ X3 24VDC 2n/o 1n/c	22.5 mm	Two-hand monitoring Type III C
777354	P2HZ X4P 24VAC 3n/o 1n/c	22.5 mm	Two-hand monitoring Type III C
777355	P2HZ X4P 24VDC 3n/o 1n/c	22.5 mm	Two-hand monitoring Type III C
787354	P2HZ X4P C 24VAC 3n/o 1n/c	22.5 mm	Two-hand monitoring Type III C
787355	P2HZ X4P C 24VDC 3n/o 1n/c	22.5 mm	Two-hand monitoring Type III C
Pressure sensitive mats		Width dimension	Application options
774063	PNOZ 16 110VAC 24VDC 2n/o	45.0 mm	Safety gate monitor, Instantaneous E-STOP monitoring, Limit switch, Pressure sensitive edge, Pressure sensitive mat
774064	PNOZ 16 115VAC 24VDC 2n/o	45.0 mm	Safety gate monitor, Instantaneous E-STOP monitoring, Limit switch, Pressure sensitive edge, Pressure sensitive mat

Control technology

Safety relays / protection relays

PNOZ X - safety relays

Order number	Description			
		Pressure sensitive mats	Width dimension	Application options
774065	PNOZ 16 120VAC 24VDC 2n/o		45.0 mm	Safety gate monitor, Instantaneous E-STOP monitoring, Limit switch, Pressure sensitive edge, Pressure sensitive mat
774066	PNOZ 16 230VAC 24VDC 2n/o		45.0 mm	Safety gate monitor, Instantaneous E-STOP monitoring, Limit switch, Pressure sensitive edge, Pressure sensitive mat
774067	PNOZ 16 240VAC 24VDC 2n/o		45.0 mm	Safety gate monitor, Instantaneous E-STOP monitoring, Limit switch, Pressure sensitive edge, Pressure sensitive mat
774060	PNOZ 16 24VAC 24VDC 2n/o		45.0 mm	Safety gate monitor, Instantaneous E-STOP monitoring, Limit switch, Pressure sensitive edge, Pressure sensitive mat
774061	PNOZ 16 42VAC 24VDC 2n/o		45.0 mm	Safety gate monitor, Instantaneous E-STOP monitoring, Limit switch, Pressure sensitive edge, Pressure sensitive mat
774062	PNOZ 16 48VAC 24VDC 2n/o		45.0 mm	Safety gate monitor, Instantaneous E-STOP monitoring, Limit switch, Pressure sensitive edge, Pressure sensitive mat
774073	PNOZ 16S 110VAC 24VDC 2n/o 2so		45.0 mm	Safety gate monitor, Instantaneous E-STOP monitoring, Limit switch, Pressure sensitive edge, Pressure sensitive mat
774074	PNOZ 16S 115VAC 24VDC 2n/o 2so		45.0 mm	Safety gate monitor, Instantaneous E-STOP monitoring, Limit switch, Pressure sensitive edge, Pressure sensitive mat
774075	PNOZ 16S 120VAC 24VDC 2n/o 2so		45.0 mm	Safety gate monitor, Instantaneous E-STOP monitoring, Limit switch, Pressure sensitive edge, Pressure sensitive mat
774076	PNOZ 16S 230VAC 24VDC 2n/o 2so		45.0 mm	Safety gate monitor, Instantaneous E-STOP monitoring, Limit switch, Pressure sensitive edge, Pressure sensitive mat

Control technology

Safety relays / protection relays

PNOZ X - safety relays

Order number	Description		
Pressure sensitive mats		Width dimension	Application options
774077	PNOZ 16S 240VAC 24VDC 2n/o 2so	45.0 mm	Safety gate monitor, Instantaneous E-STOP monitoring, Limit switch, Pressure sensitive edge, Pressure sensitive mat
774070	PNOZ 16S 24VAC 24VDC 2n/o 2so	45.0 mm	Safety gate monitor, Instantaneous E-STOP monitoring, Limit switch, Pressure sensitive edge, Pressure sensitive mat
774072	PNOZ 16S 48VAC 24VDC 2n/o 2so	45.0 mm	Safety gate monitor, Instantaneous E-STOP monitoring, Limit switch, Pressure sensitive edge, Pressure sensitive mat
777073	PNOZ 16SP 110VAC 24VDC 2n/o	45.0 mm	Safety gate monitor, Instantaneous E-STOP monitoring, Limit switch, Pressure sensitive edge, Pressure sensitive mat
777075	PNOZ 16SP 120VAC 24VDC 2n/o	45.0 mm	Safety gate monitor, Instantaneous E-STOP monitoring, Limit switch, Pressure sensitive edge, Pressure sensitive mat
777076	PNOZ 16SP 230VAC 24VDC 2n/o	45.0 mm	Safety gate monitor, Instantaneous E-STOP monitoring, Limit switch, Pressure sensitive edge, Pressure sensitive mat
777077	PNOZ 16SP 240VAC 24VDC 2n/o	45.0 mm	Safety gate monitor, Instantaneous E-STOP monitoring, Limit switch, Pressure sensitive edge, Pressure sensitive mat
777070	PNOZ 16SP 24VAC 24VDC 2n/o	45.0 mm	Safety gate monitor, Instantaneous E-STOP monitoring, Limit switch, Pressure sensitive edge, Pressure sensitive mat
787070	PNOZ 16SP C 24VAC 24VDC 2n/o	45.0 mm	Safety gate monitor, Instantaneous E-STOP monitoring, Limit switch, Pressure sensitive edge, Pressure sensitive mat
Standstill monitoring		Width dimension	Application options
774406	PAD/SI 840/512I/5VDC	45.0 mm	Adapter
777951	PSWZ X1P 0,0075-0,5V/24-240VACDC	45.0 mm	Standstill monitoring
777949	PSWZ X1P 0,5V /24-240VACDC 2n/o 1n/c 2so	45.0 mm	Standstill monitoring
777959	PSWZ X1P 0,5V/24-240VACDC coated	45.0 mm	Standstill monitoring

Control technology

Safety relays / protection relays

PNOZ X - safety relays

Order number	Description		
Standstill monitoring		Width dimension	Application options
777950	PSWZ X1P 3V /24-240VACDC 2n/o 1n/c 2so	45.0 mm	Standstill monitoring
787951	PSWZ X1P C 0,0075-0,5V/24-240VACDC	45.0 mm	Standstill monitoring
787949	PSWZ X1P C 0,5V/24-240VACDC 2n/o 1n/c2so	45.0 mm	Standstill monitoring
787950	PSWZ X1P C 3V/24-240VACDC 2n/o 1n/c2so	45.0 mm	Standstill monitoring
775505	PU3Z 120-240VAC 3n/o 1n/c 6so	112.5 mm	Safe voltage monitoring
775510	PU3Z 24VAC/DC 3n/o 1n/c 6so	112.5 mm	Safe voltage monitoring
Time monitoring		Terminal type	Width dimension
777600	PNOZ X2.1VP 0.75/24VDC 1so 2n/o fix	Screw terminal	22.5 mm
787600	PNOZ X2.1VP C 0.75/24VDC 1so 2n/o fix	Cage clamp terminal	22.5 mm
774517	PNOZ X2.4V 1/24VDC 4n/o 1so fix	Screw terminal	45.0 mm
777601	PNOZ XV1P 3/24VDC 2n/o 1n/o t	Screw terminal	22.5 mm
777602	PNOZ XV1P 30/24VDC 2n/o 1n/o t	Screw terminal	22.5 mm
787601	PNOZ XV1P C 3/24VDC 2n/o 1n/o t	Cage clamp terminal	22.5 mm
787602	PNOZ XV1P C 30/24VDC 2n/o 1n/o t	Cage clamp terminal	22.5 mm
774504	PNOZ XV2 0.5/24VDC 2n/o 2n/o fix	Screw terminal	45.0 mm
774506	PNOZ XV2 10/24VDC 2n/o 2n/o fix	Screw terminal	45.0 mm
774505	PNOZ XV2 3/24VDC 2n/o 2n/o fix	Screw terminal	45.0 mm
774502	PNOZ XV2 3/24VDC 2n/o 2n/o t	Screw terminal	45.0 mm
774500	PNOZ XV2 30/24VDC 2n/o 2n/o t	Screw terminal	45.0 mm
774508	PNOZ XV2 300/24VDC 2n/o 2n/o t	Screw terminal	45.0 mm
774554	PNOZ XV2.1 0.5/24-240VACDC 2n/o 2n/o fix	Screw terminal	90.0 mm
774552	PNOZ XV2.1 3/24-240VACDC 2n/o 2n/o t	Screw terminal	90.0 mm
774550	PNOZ XV2.1 30/24-240VACDC 2n/o 2n/o t	Screw terminal	90.0 mm
774558	PNOZ XV2.1 300/24-240VACDC 2n/o 2n/o t	Screw terminal	90.0 mm
777544	PNOZ XV2.1P 0.5/24-240VACDC 2n/o 2n/o fi	Screw terminal	90.0 mm
777542	PNOZ XV2.1P 3/24-240VACDC 2n/o 2n/o t	Screw terminal	90.0 mm
777540	PNOZ XV2.1P 30/24-240VACDC 2n/o 2n/o t	Screw terminal	90.0 mm
777548	PNOZ XV2.1P 300/24-240VACDC 2n/o 2n/o t	Screw terminal	90.0 mm
787542	PNOZ XV2.1P C 3/24-240VACDC 2n/o 2n/o t	Cage clamp terminal	90.0 mm
787540	PNOZ XV2.1P C 30/24-240VACDC 2n/o 2n/o t	Cage clamp terminal	90.0 mm
787548	PNOZ XV2.1P C 300/24-240VACDC 2n/o 2n/o	Cage clamp terminal	90.0 mm
777504	PNOZ XV2P 0.5/24VDC 2n/o 2n/o fix	Screw terminal	45.0 mm
777503	PNOZ XV2P 1/24VDC 2n/o 2n/o fix	Screw terminal	45.0 mm
777502	PNOZ XV2P 3/24VDC 2n/o 2n/o t	Screw terminal	45.0 mm
777500	PNOZ XV2P 30/24VDC 2n/o 2n/o t	Screw terminal	45.0 mm
787504	PNOZ XV2P C 0.5/24VDC 2n/o 2n/o fix	Cage clamp terminal	45.0 mm
787503	PNOZ XV2P C 1/24VDC 2n/o 2n/o fix	Cage clamp terminal	45.0 mm
787502	PNOZ XV2P C 3/24VDC 2n/o 2n/o t	Cage clamp terminal	45.0 mm
787500	PNOZ XV2P C 30/24VDC 2n/o 2n/o t	Cage clamp terminal	45.0 mm
774544	PNOZ XV3 0.5/24VDC 3n/o 2n/o t fix	Screw terminal	45.0 mm
774547	PNOZ XV3 10/24VDC 3n/o 2n/o t fix	Screw terminal	45.0 mm
774545	PNOZ XV3 3/24VDC 3n/o 2n/o t fix	Screw terminal	45.0 mm
774542	PNOZ XV3 3/24VDC 3n/o 2n/o t	Screw terminal	45.0 mm

Control technology

Safety relays / protection relays

PNOZ X - safety relays

Order number	Description			
		Time monitoring	Terminal type	Width dimension
774540	PNOZ XV3 30/24VDC 3n/o 2n/o t		Screw terminal	45.0 mm
774541	PNOZ XV3 300/24VAC 3n/o 2n/o t		Screw terminal	45.0 mm
774548	PNOZ XV3 300/24VDC 3n/o 2n/o t		Screw terminal	45.0 mm
774534	PNOZ XV3.1 0.5/24VDC 3n/o 1n/c 2n/o fix		Screw terminal	90.0 mm
774612	PNOZ XV3.1 3/24-240VACDC 3no 1nc 2no t		Screw terminal	90.0 mm
774532	PNOZ XV3.1 3/24VDC 3n/o 1n/c 2n/o t		Screw terminal	90.0 mm
774610	PNOZ XV3.1 30/24-240VACDC 3no 1nc 2no t		Screw terminal	90.0 mm
774530	PNOZ XV3.1 30/24VDC 3n/o 1n/c 2n/o t		Screw terminal	90.0 mm
774618	PNOZ XV3.1 300/24-240VACDC 3no 1nc 2no t		Screw terminal	90.0 mm
774538	PNOZ XV3.1 300/24VDC 3n/o 1n/c 2n/o t		Screw terminal	90.0 mm
777532	PNOZ XV3.1P 3/24-240VACDC 3no 1nc 2no t		Screw terminal	90.0 mm
777525	PNOZ XV3.1P 3/24VDC 3n/o 1n/c 2n/o t fix		Screw terminal	90.0 mm
777522	PNOZ XV3.1P 3/24VDC 3n/o 1n/c 2n/o t		Screw terminal	90.0 mm
777530	PNOZ XV3.1P 30/24-240VACDC 3no 1nc 2no t		Screw terminal	90.0 mm
777520	PNOZ XV3.1P 30/24VDC 3n/o 1n/c 2n/o t		Screw terminal	90.0 mm
777538	PNOZ XV3.1P 300/24-240VACDC 3no 1nc 2no		Screw terminal	90.0 mm
787532	PNOZ XV3.1P C 3/24-240VACDC 3no 1nc 2no		Cage clamp terminal	90.0 mm
787522	PNOZ XV3.1P C 3/24VDC 3n/o 1n/c 2n/o t		Cage clamp terminal	90.0 mm
787530	PNOZ XV3.1P C 30/24-240VACDC 3no 1nc 2no		Cage clamp terminal	90.0 mm
787520	PNOZ XV3.1P C 30/24VDC 3n/o 1n/c 2n/o t		Cage clamp terminal	90.0 mm
787538	PNOZ XV3.1P C300/24-240VACDC 3no 1nc 2no		Cage clamp terminal	90.0 mm
777511	PNOZ XV3.3P 30/24VDC 3n/o 2n/o t		Screw terminal	45.0 mm
787511	PNOZ XV3.3P C 30/24VDC 3n/o 2n/o t		Cage clamp terminal	45.0 mm
777514	PNOZ XV3P 0.5/24VDC 3n/o 2n/o t fix		Screw terminal	45.0 mm
777517	PNOZ XV3P 10/24VDC 3n/o 2n/o t fix		Screw terminal	45.0 mm
777512	PNOZ XV3P 3/24 VDC 3n/o 2n/o t		Screw terminal	45.0 mm
777515	PNOZ XV3P 3/24VDC 3n/o 2n/o t fix		Screw terminal	45.0 mm
777510	PNOZ XV3P 30/24 VDC 3n/o 2n/o t		Screw terminal	45.0 mm
777518	PNOZ XV3P 300/24VDC 3n/o 2n/o t		Screw terminal	45.0 mm
787512	PNOZ XV3P C 3/24 VDC 3n/o 2n/o t		Cage clamp terminal	45.0 mm
787510	PNOZ XV3P C 30/24 VDC 3n/o 2n/o t		Cage clamp terminal	45.0 mm
787518	PNOZ XV3P C 300/24VDC 3n/o 2n/o t		Cage clamp terminal	45.0 mm
774038	PZA 3/230VAC 1n/o 2n/c		Screw terminal	45.0 mm
774041	PZA 3/24VDC 1n/o 2n/c		Screw terminal	45.0 mm
774035	PZA 30/110-120VAC 1n/o 2n/c		Screw terminal	45.0 mm
774040	PZA 30/230VAC 1n/o 2 n/c		Screw terminal	45.0 mm
774031	PZA 30/24VAC 1n/o 2n/c		Screw terminal	45.0 mm
774030	PZA 30/24VDC 1n/o 2n/c		Screw terminal	45.0 mm
774023	PZA 300/110-120VAC 1n/o 2n/c		Screw terminal	45.0 mm
774026	PZA 300/230VAC 1n/o 2n/c		Screw terminal	45.0 mm
774020	PZA 300/24VAC 1n/o 2n/c		Screw terminal	45.0 mm
774029	PZA 300/24VDC 1n/o 2n/c		Screw terminal	45.0 mm
774028	PZA 600/24VDC 1n/o 2n/c		Screw terminal	45.0 mm
774044	PZW 3/110-120VAC 1n/o 2n/c		Screw terminal	45.0 mm
774048	PZW 3/230VAC 1n/o 2n/c		Screw terminal	45.0 mm

Control technology

Safety relays / protection relays

PNOZ X - safety relays

Order number	Description		
Time monitoring		Terminal type	Width dimension
774042	PZW 3/24VDC 1n/o 2n/c	Screw terminal	45.0 mm
774015	PZW 30/110-120VAC 1n/o 2n/c	Screw terminal	45.0 mm
774017	PZW 30/230VAC 1n/o 2n/c	Screw terminal	45.0 mm
774019	PZW 30/24VDC 1n/o 2n/c	Screw terminal	45.0 mm
Muting		Width dimension	Application options
778010	PMUT X1P 24VDC 3n/o 1n/c 5so	90.0 mm	Instantaneous E-STOP monitoring, Muting
788010	PMUT X1P C 24VDC 3n/o 1n/c 5so	90.0 mm	Instantaneous E-STOP monitoring, Muting
Contact expansions		Width dimension	Application options
774143	PZE 9 110-120VAC 8n/o 1n/c	90.0 mm	Instantaneous contact expansion
774148	PZE 9 230-240VAC 8n/o 1n/c	90.0 mm	Instantaneous contact expansion
774140	PZE 9 24VAC 8n/o 1n/c	90.0 mm	Instantaneous contact expansion
774150	PZE 9 24VDC 8n/o 1n/c	90.0 mm	Instantaneous contact expansion
774141	PZE 9 42VAC 8n/o 1n/c	90.0 mm	Instantaneous contact expansion
774142	PZE 9 48VAC 8n/o 1n/c	90.0 mm	Instantaneous contact expansion
777148	PZE 9P 24VACDC 24-240VACDC 8n/o 1n/c	90.0 mm	Instantaneous contact expansion
777140	PZE 9P 24VACDC 8n/o 1n/c	90.0 mm	Instantaneous contact expansion
787148	PZE 9P C 24VACDC 24-240VACDC 8n/o 1n/c	90.0 mm	Instantaneous contact expansion
787140	PZE 9P C 24VACDC 8n/o 1n/c	90.0 mm	Instantaneous contact expansion
774585	PZE X4 24VDC 4n/o	22.5 mm	Instantaneous contact expansion
777588	PZE X4.1P 24-240VAC/DC 4n/o	22.5 mm	Instantaneous contact expansion, Light beam device mon. Type 4, Light beam device mon. Type 2 w/o t/p, Light beam device mon. Type 2 with t/p
777587	PZE X4.1P 24VDC 4n/o	22.5 mm	Instantaneous contact expansion, Light beam device mon. Type 4, Light beam device mon. Type 2 w/o t/p, Light beam device mon. Type 2 with t/p
787588	PZE X4.1P C 24-240VAC/DC 4n/o	22.5 mm	Instantaneous contact expansion

Control technology

Safety relays / protection relays

PNOZ X - safety relays

Order number	Description		
		Contact expansions	Width dimension
			Application options
787587	PZE X4.1P C 24VDC 4n/o	22.5 mm	Instantaneous contact expansion, Light beam device mon. Type 4, Light beam device mon. Type 2 w/o t/p, Light beam device mon. Type 2 with t/p
777585	PZE X4P 24VDC 4n/o	22.5 mm	Instantaneous contact expansion
787585	PZE X4P C 24VDC 4n/o	22.5 mm	Instantaneous contact expansion
774580	PZE X4V 0,5/24VDC 4n/o fix	22.5 mm	Delayed contact expansion
774586	PZE X4V 0,7/24VDC 4n/o fix	22.5 mm	Delayed contact expansion
774581	PZE X4V 1/24VDC 4n/o fix	22.5 mm	Delayed contact expansion
774582	PZE X4V 2/24VDC 4n/o fix	22.5 mm	Delayed contact expansion
774583	PZE X4V 3/24VDC 4n/o fix	22.5 mm	Delayed contact expansion
774584	PZE X4V 8/24VDC 4n/o	45.0 mm	Delayed contact expansion
777580	PZE X4VP 0,5/24VDC 4n/o fix	22.5 mm	Delayed contact expansion
777581	PZE X4VP 1/24VDC 4n/o fix	22.5 mm	Delayed contact expansion
777582	PZE X4VP 2/24VDC 4n/o fix	22.5 mm	Delayed contact expansion
777583	PZE X4VP 3/24VDC 4n/o fix	22.5 mm	Delayed contact expansion
787580	PZE X4VP C 0,5/24VDC 4n/o fix	22.5 mm	Delayed contact expansion
787581	PZE X4VP C 1/24VDC 4n/o fix	22.5 mm	Delayed contact expansion
787582	PZE X4VP C 2/24VDC 4n/o fix	22.5 mm	Delayed contact expansion
787583	PZE X4VP C 3/24VDC 4n/o fix	22.5 mm	Delayed contact expansion
777586	PZE X4VP4 24VDC 4n/o	45.0 mm	Delayed contact expansion
787586	PZE X4VP4 C 24VDC 4n/o	45.0 mm	Delayed contact expansion
777584	PZE X4VP8 24VDC 4n/o	45.0 mm	Delayed contact expansion
787584	PZE X4VP8 C 24VDC 4n/o	45.0 mm	Delayed contact expansion
774595	PZE X5 24VDC 5n/o	45.0 mm	Instantaneous contact expansion
777150	PZE X5P 24VDC 5n/o 2so	45.0 mm	Instantaneous contact expansion
787150	PZE X5P C 24VDC 5n/o 2so	45.0 mm	Instantaneous contact expansion
774592	PZE X5V 1.5/24VDC 5n/o fix	45.0 mm	Delayed contact expansion
774593	PZE X5V 3/24VDC 5n/o fix	45.0 mm	Delayed contact expansion
		Accessories PNOZ X	Type of general accessories
774090	COVER P-93		Blank cover
374280	PNOZ X Set plug in screw terminals P1+P2		Connector kit
374281	PNOZ X Set plug in screw terminals P3+P4		Connector kit
374282	PNOZ X Set plug in screw terminals P5+P5		Connector kit
374290	PNOZ X Set spring loaded terminals P1+P2		Connector kit
374291	PNOZ X Set spring loaded terminals P3+P4		Connector kit
374292	PNOZ X Set spring loaded terminals P5+P5		Connector kit

Control technology

Safety relays / protection relays

PNOZ X - safety relays

**Order
number** **Description**

Accessories PNOZ X

**Type of general
accessories**

375002 H-MONTAGESOCKEL P-75
774578 PPS 100-240VAC / 24VDC

Control technology

Safety relays / protection relays

PNOZcompact - safety relays

Order number Description

E-STOP, safety gates, light barriers	Terminal type	Width dimension
710001 PNOZ c1 24VDC 3n/o 1n/c	Spring-loaded terminal	22.5 mm
710002 PNOZ c2 24VDC 2n/o	Spring-loaded terminal	22.5 mm

Control technology

Safety relays / protection relays

PNOZelog - safety relays

Order number	Description		
E-STOP, safety gates, light barriers		Terminal type	Width dimension
774133	PNOZ e1.1p 24VDC 2so	Screw terminal	22.5 mm
784133	PNOZ e1.1p C 24VDC 2so	Cage clamp terminal	22.5 mm
774130	PNOZ e1p 24VDC 2so	Screw terminal	22.5 mm
784130	PNOZ e1p C 24VDC 2so	Cage clamp terminal	22.5 mm
774131	PNOZ e1vp 10/24VDC 1so 1so t	Screw terminal	22.5 mm
774132	PNOZ e1vp 300/24VDC 1so 1so t	Screw terminal	22.5 mm
784131	PNOZ e1vp C 10/24VDC 1so 1so t	Cage clamp terminal	22.5 mm
784132	PNOZ e1vp C 300/24VDC 1so 1so t	Cage clamp terminal	22.5 mm
774139	PNOZ e3.1p 24VDC 2so	Screw terminal	22.5 mm
784139	PNOZ e3.1p C 24VDC 2so	Cage clamp terminal	22.5 mm
774137	PNOZ e3vp 10/24VDC 1so 1so t	Screw terminal	22.5 mm
774138	PNOZ e3vp 300/24VDC 1so 1so t	Screw terminal	22.5 mm
784137	PNOZ e3vp C 10/24VDC 1so 1so t	Cage clamp terminal	22.5 mm
784138	PNOZ e3vp C 300/24VDC 1so 1so t	Cage clamp terminal	22.5 mm
774190	PNOZ e5.11p 24VDC 2so	Screw terminal	22.5 mm
784190	PNOZ e5.11p C 24VDC 2so	Cage clamp terminal	22.5 mm
774191	PNOZ e5.13p 24VDC 2so	Screw terminal	22.5 mm
784191	PNOZ e5.13p C 24VDC 2so	Cage clamp terminal	22.5 mm
774192	PNOZ e6.1p 24VDC 4n/o 2so	Screw terminal	45.0 mm
784192	PNOZ e6.1p C 24VDC 4n/o 2so	Cage clamp terminal	45.0 mm
774193	PNOZ e6vp 24VDC 4n/o 1so 1so t	Screw terminal	45.0 mm
784193	PNOZ e6vp C 24VDC 4n/o 1so 1so t	Cage clamp terminal	45.0 mm
774197	PNOZ e7p 24VDC 2 so	Screw terminal	22.5 mm
784197	PNOZ e7p C 24VDC 2 so	Cage clamp terminal	22.5 mm
774198	PNOZ e8.1p 24VDC 2so	Screw terminal	22.5 mm
784198	PNOZ e8.1p C 24VDC 2so	Cage clamp terminal	22.5 mm
Two-hand controls		Width dimension	Application options
774136	PNOZ e2.1p 24VDC 2so	22.5 mm	Two-hand monitoring Type III C
784136	PNOZ e2.1p C 24VDC 2so	22.5 mm	Two-hand monitoring Type III C
774135	PNOZ e2.2p 24VDC 2so	22.5 mm	Two-hand monitoring Type III A
784135	PNOZ e2.2p C 24VDC 2so	22.5 mm	Two-hand monitoring Type III A
Pressure sensitive mats		Terminal type	Width dimension
774180	PNOZ e4.1p 24VDC 2so	Screw terminal	22.5 mm
784180	PNOZ e4.1p C 24VDC 2so	Cage clamp terminal	22.5 mm
774181	PNOZ e4vp 10/24VDC 1so 1so t	Screw terminal	22.5 mm
784181	PNOZ e4vp C 10/24VDC 1so 1so t	Cage clamp terminal	22.5 mm

Control technology

Safety relays / protection relays

PNOZelog - safety relays

Order number	Description
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Accessories PNOZelog

874130B PNOZelog Driver CD

774195 Terminal block filter 1

774196 Terminal block filter 2

Control technology

Safety relays / protection relays

PNOZpower - safety relays

Order number	Description		
E-STOP, safety gates, light barriers		Width dimension	Application options
773300	PNOZ p1p 24VDC 2so	45.0 mm	Safety gate monitor, Instantaneous E-STOP monitoring
773951	PNOZ p1vp 300s	45.0 mm	Safety gate monitor, Instantaneous E-STOP monitoring, Delayed E-STOP monitoring
773950	PNOZ p1vp 30s	45.0 mm	Safety gate monitor, Instantaneous E-STOP monitoring, Delayed E-STOP monitoring
Contact expansions		Width dimension	Application options
773630	PNOZ po3.1p 8n/o	45.0 mm	Instantaneous contact expansion, Delayed contact expansion
773631	PNOZ po3.2p 4n/o	90.0 mm	Instantaneous contact expansion, Delayed contact expansion
773632	PNOZ po3.3p 3n/o	90.0 mm	Instantaneous contact expansion, Delayed contact expansion
773634	PNOZ po3p 3n/o 1n/c	22.5 mm	Instantaneous contact expansion, Delayed contact expansion
773635	PNOZ po4p 4n/o	22.5 mm	Instantaneous contact expansion, Delayed contact expansion
Accessories PNOZpower		Type of general accessories	
793305	PNOZ p1p inverse Set plug in screw term.	Terminal kit	
793300	PNOZ p1p Set plug in screw terminals	Terminal kit	
793631	PNOZ po3.2p Set plug in screw terminals	Terminal kit	
779120	PNOZpower Bus-Terminator	Terminating resistor	
773200	PNOZ pps1p 100-240VAC		
773900	PNOZ pe1p		
779125	PNOZpe2p Bus-Interface		

Control technology

Configurable safety controllers

PNOZmulti Mini - controllers

Order number	Description
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PNOZmulti Mini - base units	
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772001	PNOZ mm0.1p
772002	PNOZ mm0.2p
772000	PNOZ mm0p 24VDC
772010	PNOZ mm0p-T

Control technology

Configurable safety controllers

PNOZmulti Mini - I/O modules

Order number	Description
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PNOZmulti Mini - safe I/O modules	
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772020	PNOZ mml1p
772021	PNOZ mml2p

Control technology

Configurable safety controllers

PNOZmulti Mini - communication

Order number	Description
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PNOZmulti Mini - communication modules	
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772036	PNOZ mmc11p CAT
772030	PNOZ mmc1p ETH
772031	PNOZ mmc2p seriell
772032	PNOZ mmc3p DP
772033	PNOZ mmc4p DN
772034	PNOZ mmc6p CAN
772035	PNOZ mmc7p CC

Control technology

Configurable safety systems

PNOZmulti - controllers

Order number	Description		
PNOZmulti - base units		Number of digital inputs	Number of semiconductor outputs
773110	PNOZ m0p base unit not expandable	20	4
773113	PNOZ m0p ETH	20	4
773105	PNOZ m1p base unit coated version	20	4
773100	PNOZ m1p base unit	20	4
773104	PNOZ m1p ETH coated version	20	4
773103	PNOZ m1p ETH	20	4
773120	PNOZ m2p base module press function	20	4
773123	PNOZ m2p ETH	20	4
773125	PNOZ m3p base unit burner function	20	4
773126	PNOZ m3p ETH	20	4
PNOZmulti - toolkit			
779000	PNOZmulti Tool Kit		
Accessories PNOZmulti		Type of general accessories	
773897	PNOZ mli1p 1,5m screw	Adapter cable	
773896	PNOZ mli1p 1,5m spring	Adapter cable	
773891	PNOZ mli1p 10m screw	Adapter cable	
773894	PNOZ mli1p 10m	Adapter cable	
773892	PNOZ mli1p 50m	Adapter cable	
773895	PNOZ mli1p 50m	Adapter cable	
773890	PNOZ mli1p 5m	Adapter cable	
773893	PNOZ mli1p 5m	Adapter cable	
773875	PNOZ msi 17p Bos/Rex 15/15 4,0m	Adapter cable	
773881	PNOZ msi b0 cable	Adapter cable	
773883	PNOZ msi b1 Box 25p	Adapter cable	
773882	PNOZ msi b1 Box 9p	Adapter cable	
773880	PNOZ msi b1 Box	Adapter cable	
773884	PNOZ msi b1 cable 25/RJ45	Adapter cable	
773839	PNOZ msi1 Bp Adapter Si/Ha 25/25 5m	Adapter cable	
773868	PNOZ msi12p Rockwell 15/15 2,5m	Adapter cable	
773869	PNOZ msi13p Fanuc 20/20 2,5m	Adapter cable	
773878	PNOZ msi14p Leroy 15/15 2,5m	Adapter cable	
773874	PNOZ msi15p Adapter Tendo 15/15 2,5m	Adapter cable	
773867	PNOZ msi16p ADAPTER Baumuell 15/15 2,5m	Adapter cable	
773888	PNOZ msi18p Adapter Bos/Rex 15/15 1,5m	Adapter cable	
773846	PNOZ MSi19P ADAPTER ELAU PACDrive3 1,5m	Adapter cable	
773847	PNOZ MSi19P ADAPTER ELAU PACDrive3 2,5m	Adapter cable	
773840	PNOZ msi1Ap Adapter Si/Ha 25/25 2,5m	Adapter cable	
773844	PNOZ msi1AP Adapter Si/Ha 25/25 5m	Adapter cable	
773841	PNOZ msi1Bp Adapter Si/Ha 25/25 2,5m	Adapter cable	
773879	PNOZ MSi20P PARKER HD 15/15 2,5M	Adapter cable	

Control technology

Configurable safety systems

PNOZmulti - controllers

Order number	Description	Type of general accessories
Accessories PNOZmulti		
773886	PNOZ msi21p Adapter Bos/Rex 15/15 1,5m	Adapter cable
773885	PNOZ msi21p Adapter Bos/Rex 15/15 2,5m	Adapter cable
773842	PNOZ msi3Ap Adapter Si/Ha 15/15 2,5m	Adapter cable
773843	PNOZ msi3Bp Adapter Si/Ha 15/15 2,5m	Adapter cable
773866	PNOZ msi4Bp Adapter SMC30 15/15 1,5m	Adapter cable
773849	PNOZ msi4Bp Adapter SMC30 15/15 2,5m	Adapter cable
773848	PNOZ msi4Bp Adapter SMC30 15/15 5,0m	Adapter cable
773858	PNOZ msi5p Adapter Bo/Rex 15/15 1,5m	Adapter cable
773857	PNOZ msi5p Adapter Bo/Rex 15/15 2,5m	Adapter cable
773861	PNOZ msi6p Adapter Elau 9/9 1,5m	Adapter cable
773860	PNOZ msi6p Adapter Elau 9/9 2,5m	Adapter cable
773859	PNOZ msi6p Adapter Elau 9/9 7,5m	Adapter cable
773873	PNOZ MSI6P ADAPTER ELAU 9/9 4 m	Adapter cable
773865	PNOZ msi7p Adapter SEW 15/15 1,5m	Adapter cable
773864	PNOZ msi7p Adapter SEW 15/15 2,5m	Adapter cable
773863	PNOZ msi8p Adapter Lenze 9/9 1,5m	Adapter cable
773862	PNOZ msi8p Adapter Lenze 9/9 2,5m	Adapter cable
773845	PNOZ msi b4 Box	Adapter
779261	PNOZ mm0.xp terminator left (10 pcs.)	Blank cover
779110	PNOZmulti Bus-Terminator	BUS terminator
772200	MM A MINI-IO-CAB01 1.5M	Connection cable
772201	MM A MINI-IO-CAB01 2.5M	Connection cable
772202	MM A MINI-IO-CAB01 5M	Connection cable
779260	PNOZ mm0.xp connector left (10 pcs)	Connection cable
773856	PNOZ msi 9p adapter cable 5m	Connection cable
773854	PNOZ msi10p Adapter Cable 2,5m	Connection cable
773855	PNOZ msi11p Adapter Cable 1,5m	Connection cable
773872	PNOZ msi S025	Connector kit
773870	PNOZ msi S09	Connector kit
773871	PNOZ msi S15	Connector kit
774639	KOP-XE	Connector
535130	PSEN im1	Interface
779211	Chipcard 1 piece 32kB	Memory card
779201	PNOZmulti Chipcard 1 piece 8kb	Memory card
779200	PNOZmulti Chipcard Set 10 piece 8KB	Memory card
779212	PNOZmulti Chipcard Set 10 pieces 32kB	Memory card
779250	PNOZmulti Seal 12 pieces	Seal
783100	PNOZ m1p Set spring loaded terminals	Terminal kit
793100	PNOZ m1p/m0p plug in screw terminals	Terminal kit
793700	PNOZ mc1p Set plug in screw terminals	Terminal kit
783700	PNOZ mc1p Set spring loaded terminals	Terminal kit
793400	PNOZ mi1p/mi2p/mo1p screw terminals	Terminal kit
793520	PNOZ mo2p Set plug in screw terminals	Terminal kit
783520	PNOZ mo2p Set spring loaded terminals	Terminal kit

Control technology

Configurable safety systems

PNOZmulti - controllers

Order number **Description**

Accessories PNOZmulti	Type of general accessories
793536 PNOZ mo4p Set plug in screw terminals	Terminal kit
783536 PNOZ mo4p Set spring loaded terminals	Terminal kit
793801 PNOZms1p 10 Set plug in screw terminals	Terminal kit
783801 PNOZms1p 10 Set spring loaded terminals	Terminal kit
783800 PNOZms1p Set spring loaded terminals	Terminal kit
793800 PNOZms1p/ms2p Set plug in screw terms	Terminal kit
783400 PNOZmulti Set spring loaded terminals	Terminal kit
793544 Screw terminals PNOZ 2MM 1 set	Terminal kit
793545 Screw terminals PNOZ 2MM 10 sets	Terminal kit
793538 Screw terminals PNOZ mmc2p, mml1p 1 pc.	Terminal kit
793539 Screw terminals PNOZ mmc2p,mml1p 10 pcs.	Terminal kit
793541 Screw terminals PNOZ mml2p 10 pcs.	Terminal kit
793540 Screw terminals PNOZ mml2p	Terminal kit
783544 Spring terminals PNOZ 2MM 1 set	Terminal kit
783545 Spring terminals PNOZ 2MM 10 sets	Terminal kit
783538 Spring terminals PNOZ mmc2p, mml1p 1 pc.	Terminal kit
783539 Spring terminals PNOZ mmc2p,mml1p 10 pcs	Terminal kit
783541 Spring terminals PNOZ mml2p 10 pcs.	Terminal kit
783540 Spring terminals PNOZ mml2p	Terminal kit
779230 Chip Card Reader	
779240 PNOZmulti Chipcard Holder (Sparepart)	
783542 Spring terminals PNOZ mmcxp, 1 pc.	
793543 Screw terminals PNOZ mmcxp, 10 pcs.	
783543 Spring terminals PNOZ mmcxp, 10 pcs.	
793542 Screw terminals PNOZ mmcxp, 1 pc.	
779126 PNOZmulti accessory package	
772800 PNOZmulti Mini accessory package	

Control technology

Configurable safety systems

PNOZmulti - I/O modules

Order number	Description		
PNOZmulti - safe I/O modules		Number of digital inputs	Number of semiconductor outputs
773812	PNOZ ma1p 2 Analog Input		
773813	PNOZ ma1p coated version		
773405	PNOZ mi1p 8 input coated version	8	
773400	PNOZ mi1p 8 input	8	
773545	PNOZ ml1p coated version		
773540	PNOZ ml1p safe link 24VDC		
773602	PNOZ ml2p safe link PDP		
773500	PNOZ mo1p 4 so		4
773505	PNOZ mo1p 4so coated version		4
773525	PNOZ mo2p 2n/o coated version		
773520	PNOZ mo2p 2n/o		
773510	PNOZ mo3p 2so		
773537	PNOZ mo4p 4n/o coated version		
773536	PNOZ mo4p 4n/o		
773534	PNOZ mo5p 4 n/o burner		
773800	PNOZ ms1p standstill / speed monitor		
773811	PNOZ ms2p TTL coated version		
773816	PNOZ ms2p TTL		
773810	PNOZ ms2p		
773825	PNOZ ms3p HTL		
773820	PNOZ ms3p standstill / speed monitor		
773826	PNOZ ms3p TTL		
773830	PNOZ ms4p speedcontrol		
773815	PNOZms2p HTL		
PNOZmulti - standard I/O modules		Number of digital inputs	
773410	PNOZ mi2p 8 standard input	8	

Control technology

Configurable safety systems

PNOZmulti - communication

**Order
number** **Description**

PNOZmulti - communication modules

Fieldbus interface

773720	PNOZ mc0p Powersupply	
773715	PNOZ mc10p SERCOS III	sercos III
773719	PNOZ mc12p Powerlink	Ethernet POWERLINK V2
773705	PNOZ mc1p coated version	
773700	PNOZ mc1p	
773713	PNOZ mc2.1p EtherCAT 2	EtherCAT
773732	PNOZ mc3p Profibus 2	PROFIBUS DP
773711	PNOZ mc4p DeviceNet 2	DeviceNet
773729	PNOZ mc4p DeviceNet coated version	DeviceNet
773723	PNOZ mc5p Interbus	Interbus S
773733	PNOZ mc6.1p CANopen 3	CANopen
773712	PNOZ mc6p CANopen 2	CANopen
773727	PNOZ mc6p CANopen coated version	CANopen
773716	PNOZ mc7p CC-Link 2	CC-Link V1.10
773725	PNOZ mc7p CC-Link coated version	CC-Link
773726	PNOZ mc7p CC-Link	CC-Link
773734	PNOZ mc8p coated version	Ethernet IP, Modbus TCP
773730	PNOZ mc8p Ethernet IP / Modbus TCP	Ethernet IP, Modbus TCP
773731	PNOZ mc9p Profinet IO	PROFINET IO
773728	PNOZmc5.1p Interbus LWL / Fiberoptic	INTERBUS LWL

Control technology

Configurable control systems

PNOZmulti 2 - controllers

Order number	Description
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PNOZmulti 2 - base units	
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772100	PNOZ m B0
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Control technology

Configurable control systems

PNOZmulti 2 - I/O modules

Order number	Description
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PNOZmulti 2 - safe I/O modules	
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772140	PNOZ m EF 16DI
772170	PNOZ m EF 1MM
772171	PNOZ m EF 2MM
772143	PNOZ m EF 4DI4DOR
772142	PNOZ m EF 8DI4DO
772120	PNOZ m EF Multi Link
772121	PNOZ m EF PDP Link

Control technology

Configurable control systems

PNOZmulti 2 - communication

Order number	Description
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PNOZmulti 2 - communication modules

772134	PNOZ m ES CANopen
772130	PNOZ m ES ETH
772136	PNOZ m ES EtherCAT
772119	PNOZ m ES Powerlink
772132	PNOZ m ES Profibus
772131	PNOZ m ES RS232

Control technology

Compact safety PLC

PSScompact - controllers

Order number	Description	
PSS 3047		Fieldbus interface
300215	PSS 3047-3 AI Ip -R	
300115	PSS 3047-3 AI Ip	
300130	PSS 3047-3 CANopen	CANopen
300105	PSS 3047-3 DP-S	PROFIBUS DP
300100	PSS 3047-3	
PSS 3047 with SafetyBUS p		Fieldbus interface
300170	PSS SB 3047-3 AI ETH-2	
300180	PSS SB 3047-3 AI Ip ETH-2	
300160	PSS SB 3047-3 DP-S	PROFIBUS DP
300151	PSS SB 3047-3 ETH-2 CANopen	CANopen
300150	PSS SB 3047-3 ETH-2	
PSS 3075		Fieldbus interface
300205	PSS 3075-3 DP-S	PROFIBUS DP
300200	PSS 3075-3	
PSS 3075 with SafetyBUS p		Fieldbus interface
300230	PSS SB 3075-3 CANopen	CANopen
300255	PSS SB 3075-3 DP-S	PROFIBUS DP
300251	PSS SB 3075-3 ETH-2 CANopen	CANopen
300250	PSS SB 3075-3 ETH-2	
300240	PSS SB 3075-3	
PSS 3006 with SafetyBUS p		Fieldbus interface
301600	PSS SB 3006-3 DP-S	PROFIBUS DP
301790	PSS SB 3006-3 ETH-2 DP-S	ProfibusDP S
301780	PSS SB 3006-3 ETH-2	
PSS 3006 with SafetyBUS p (x2)		Fieldbus interface
301680	PSS SB2 3006-3 DP-S	ProfibusDP S
301710	PSS SB2 3006-3 ETH-2 DP-S	ProfibusDP S
301640	PSS SB2 3006-3 ETH-2	
Accessories PSScompact		Type of general accessories
300922	PSS ZCC Cable Clip	Fastening element
300920	PSS ZCM Cable mounting plate	Fastening element
300900	PSS ZKL 3047-3	

Control technology

Compact safety PLC

PSScompact - controllers

**Order
number** **Description**

Accessories PSScompact

**Type of general
accessories**

300902	PSS ZKL 3047-3 AI
300904	PSS ZKF 3047-3
300906	PSS ZKF 3047-3 AI
300910	PSS ZKL 3075-3
300912	PSS ZKF 3075-3
300914	PSS ZKL 3006-3
300916	PSS ZKF 3006-3
301900	PSS ZKL 3000
311080	PSS SB PG ADAPTER
370000	External Gateway DP-S/RS 232

Control technology

Modular safety PLC

PSSmodular - head modules

Order number	Description		
PSS 3000 - central processing units		Application range	
301064	PSS CPU3		Standard/failsafe
PSS 3000 - central processing units with SafetyBUS p		Number of SafetyBUS p interfaces	Application range
301081	PSS SB CPU3 ETH-2	1	Standard/failsafe
301071	PSS SB CPU3	1	Standard/failsafe
PSS 3000 - power supplies		Supply voltage	
301051	PSS PS24		24 V
PSS 3000 - module racks		Type of connection terminals 1	Number of connection terminals
301001	PSS BM 4	Slots	4
301000	PSS BM 8	Slots	9
301005	PSS BMP 8	Slots	9
301006	PSS BMP4/2	Slots	4
PSS 3100 - central processing units			
302064	PSS1 CPU3		
PSS 3100 - central processing units with SafetyBUS p			
302081	PSS1 SB CPU3 ETH-2		
302071	PSS1 SB CPU3		
PSS 3100 - power supplies		Supply voltage	
302051	PSS1 PS 24		24 V
PSS 3100 - module racks			
302006	PSS1 BMP 5/2		
302007	PSS1 BMPS 3/1		
302008	PSS1 BMPS 3/3		
Accessories PSSmodular		Type of general accessories	
305160	PSS Conv USB / RS 232		Adapter
305161	PSS Conv USB / RS 485		Adapter
311074	PSS SB BUSCABLE LC		Cable (Meterware)
311071	PSS SB BUSCABLE0 MOVE		Cable (Meterware)

Control technology

Modular safety PLC

PSSmodular - head modules

Order number **Description**

Accessories PSSmodular

Type of general accessories

311070	PSS SB BUSCABLE	Cable (Meterware)
311110	PSS SB CABLESET 03	Connection cable
311120	PSS SB CABLESET 05	Connection cable
311130	PSS SB CABLESET 10	Connection cable
311140	PSS SB CABLESET 15	Connection cable
311032	PSS SB M12 TERMINATOR	Terminating resistor
300930	BATTERY FOR PSS 950mAh, 3V	
301412	PSS HB E	
301420	PSS HB SF D	
301421	PSS HB SF GB	
301430	PSS HB SBp D	
301431	PSS HB SBp GB	
301480	PSS HB SYS D	
301481	PSS HB SYS GB	
301482	PSS HB SYS FR	
301930	PSS ZUB DI/KAT4	
301960	PSS PG CAB RS232 spez.	
301965	CAB RS232	
305157	PSS PAP USA	
305159	PSS Conv RS 232 / RS 485	

Control technology

Modular safety PLC

PSSmodular - I/O modules

Order number Description

PSS 3000 - safe I/O modules		Number of digital inputs	Number of analogue inputs
301123	PSS AI Ip		6
301121	PSS AI		6
301101	PSS DI 2	32	
301112	PSS DI2O T	16	
301109	PSS DI2O Z	16	
301106	PSS DIF2	16	
301105	PSS DIF	16	
301107	PSS DIO T	16	
301108	PSS DIO Z	16	
301111	PSS DO S		
301110	PSS DO		
301122	PSS DOR		

PSS 3000 - standard I/O modules		Number of digital inputs	
304100	P10 DI	32	
304107	P10 DIO	16	
304110	P10 DO		
304122	P10 DOR16		

PSS 3100 - safe I/O modules		Number of digital inputs	Number of analogue inputs
302123	PSS1 AI Ip		6
302121	PSS1 AI		6
302101	PSS1 DI 2	32	
302112	PSS1 DI2O T	16	
302109	PSS1 DI2O Z	16	
302106	PSS1 DIF2	16	
302105	PSS1 DIF	16	
302107	PSS1 DIO T	16	
302108	PSS1 DIO Z	16	
302152	PSS1 DN-S		
302111	PSS1 DO S		
302122	PSS1 DOR		

PSS 3100 - standard I/O modules		Number of digital inputs	
303120	P9 AIO		
303100	P9 DI	32	
303108	P9 DIO	16	
303111	P9 DO		
303122	P9 DOR16		

Control technology

Modular safety PLC

PSSmodular - communications modules

Order number	Description	List Price EUR/Unit
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PSS 3000 - communications modules

301155	PSS CANopen	
301152	PSS DN-S	
301151	PSS DP-S	
301160	PSS Ethernet 2	
301157	PSS Ethernet	
301154	PSS IBS-S PCP	
301159	PSS SER	

PSS 3100 - communications modules

302155	PSS1 CANopen	
302151	PSS1 DP-S	
302160	PSS1 ETH-2	
302154	PSS1 IBS-S PCP	
302159	PSS1 Serial Interfacecard	

Control technology

Modular safety PLC

PLCmodular - head modules

Order number	Description	List Price EUR/Unit
PLC		
304120	P10 AIO	
304002	P10 BEMP GRUND+ERWEIT.TRAEGER	
304006	P10 BG S GRUNDTRAEGER PILZ+AMS	
304001	P10 BM4 GRUNDBAUGRUPPENTRAEGER 4 Steck.	
304105	P10 DIF EINGABE DIGITAL INTER	
304101	P10 DIHS EINGABE DIGITAL 250US	
304112	P10 DOR16 AUSGABE DIGITAL REL.	
304091	P10 EPB EXPANSION CARD	
304096	P10 EPE ERW.BAUGRU.ERW.TR P	
304525	P10 LEER BAUGUPPE	
304050	P10 PS NETZTEIL FUER BEM+BM	
303200	P9 BFB FRONT COVER	
303105	P9 DIF 24 DIGITAL 8 INTERRUPT INPUT	
303050	P9 PS POWER SUPPLY SR4/ST8	
303000	P9 SR4 RACK BASE	
303005	P9 SR8 RACK BASE	
Accessories PLCmodular		
305155	C-PC-PAP-2 CONVERTER V24/RS485	
305149	C-PC-PAP-2 V24/RS485 115V AC	
305154	C-PC-PAP-3 PEGELANP V24/RS485	
305158	C-PC-PAP-4 PEGELANPA.RS232/24V	
374205	H-P10 C485 Cable PC-CPU	
374125	H-P2-BAT BATTERY FOR PSS 170mAh, 3V	
374120	H-P8-BATTERY FOR PSS 1.9 Ah, 3V	
374143	H-PX/PXT-PGS5	
304521	P10 MI STECKKARTENBLOCK F.NET	
304075	P10 MR256 RAM SPEICHER 256KB	
304076	P10 MR512 RAM SPEICHER 512KB	
304200	P9/10 SW/D SOFTWARE P9/P10	

Control technology

Controller and I/O Systems

PSSuniversal - controllers

Order number	Description		List Price EUR/Unit
PSSuniversal - PLC Controller		Number of Ethernet interfaces	Number of PROFIBUS-DP interfaces
312071	PSSu H PLC1 FS DP SN SD	1	1
315070	PSSu H PLC1 FS SN SD-R		
314070	PSSu H PLC1 FS SN SD-T	2	
312070	PSSu H PLC1 FS SN SD	2	
PSSuniversal - multi Controller		Number of PROFIBUS-DP interfaces	
312060	PSSu H m F DP ETH SD	1	
312065	PSSu H m F DP SN SD	1	
312066	PSSu H m F DPsafe SN SD	1	

Control technology

Controller and I/O Systems

PSSuniversal - communications modules

Order number	Description		List Price EUR/Unit
PSSuniversal - safe head modules		Number of SafetyBUS p interfaces	Number of USB slave interfaces
314010	PSSu H SB-T	1	1
312010	PSSu H SB	1	1
PSSuniversal - standard head modules		Fieldbus interface	Number of USB slave interfaces
314047	PSSu H CAN-T	CANopen	1
312047	PSSu H CAN	CANopen	1
314046	PSSu H DN-T	DeviceNet	1
312046	PSSu H DN	DeviceNet	1
314045	PSSu H DP-T	PROFIBUS DP	1
312045	PSSu H DP	PROFIBUS DP	1
312041	PSSu H S PN		
PSSuniversal - combined head modules		Fieldbus interface	Number of USB slave interfaces
312042	PSSu H F PN o	PROFINET IO	
312043	PSSu H F PN	PROFINET IO	
314035	PSSu H SB CAN-T	CANopen	1
312035	PSSu H SB CAN	CANopen	1
314030	PSSu H SB DN-T	DeviceNet	1
312030	PSSu H SB DN	DeviceNet	1
314025	PSSu H SB DP-T	PROFIBUS DP	1
312025	PSSu H SB DP	PROFIBUS DP	1
312015	PSSu H SB IBSe	INTERBUS	1
312020	PSSu H SB IBSo	INTERBUS	1
PSSuniversal - PSS 4000 head modules		Number of Ethernet interfaces	
315085	PSSu H FS SN SD-R	2	
314085	PSSu H FS SN SD-T	2	
312085	PSSu H FS SN SD	2	

Control technology

Controller and I/O Systems

PSSuniversal - I/O modules

Order number	Description
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PSSuniversal - safe I/O modules

314261	PSSu E AI SHT1-T
312261	PSSu E AI SHT1
312262	PSSu E AI SHT2
315201	PSSu E F 2DI 60-R
315215	PSSu E F 2DO 2-R
314215	PSSu E F 2DO 2-T
312215	PSSu E F 2DO 2
315225	PSSu E F 2DOR 8-R
314225	PSSu E F 2DOR 8-T
312225	PSSu E F 2DOR 8
315200	PSSu E F 4DI-R
314200	PSSu E F 4DI-T
312200	PSSu E F 4DI
315210	PSSu E F 4DO 0.5-R
314210	PSSu E F 4DO 0.5-T
312210	PSSu E F 4DO 0.5
314275	PSSu E F ABS SSI-T
312275	PSSu E F ABS SSI
315260	PSSu E F AI I-R
314260	PSSu E F AI I-T
312260	PSSu E F AI I
315265	PSSu E F AI U-R
314265	PSSu E F AI U-T
312265	PSSu E F AI U
314230	PSSu E F BSW-T
312230	PSSu E F BSW
315220	PSSu E F DI OZ 2-R
314220	PSSu E F DI OZ 2-T
312220	PSSu E F DI OZ 2
314280	PSSu E F INC-T
312280	PSSu E F INC
312435	PSSu K F FCU
312437	PSSu K F INC

PSSuniversal - standard I/O modules

314450	PSSu E S 2AI I se-T
312450	PSSu E S 2AI I se
314490	PSSu E S 2AI RTD-T
312490	PSSu E S 2AI RTD
314500	PSSu E S 2AI TC-T
312500	PSSu E S 2AI TC
314440	PSSu E S 2AI U-T
312440	PSSu E S 2AI U
314470	PSSu E S 2AO I-T

Control technology

Controller and I/O Systems

PSSuniversal - I/O modules

Order number **Description**

PSSuniversal - standard I/O modules

312470	PSSu E S 2AO I
314460	PSSu E S 2AO U-T
312460	PSSu E S 2AO U
312411	PSSu E S 2DO 2-D
314410	PSSu E S 2DO 2-T
314411	PSSu E S 2DO 2-TD
312410	PSSu E S 2DO 2
314510	PSSu E S 2DOR 10-T
312510	PSSu E S 2DOR 10
314511	PSSu E S 2DOR 2-T
312511	PSSu E S 2DOR 2
314445	PSSu E S 4AI U-T
312445	PSSu E S 4AI U
314465	PSSu E S 4AO U-T
312465	PSSu E S 4AO U
312401	PSSu E S 4DI-D
314400	PSSu E S 4DI-T
312400	PSSu E S 4DI
312406	PSSu E S 4DO 0.5-D
314405	PSSu E S 4DO 0.5-T
314406	PSSu E S 4DO 0.5-TD
312405	PSSu E S 4DO 0.5
314480	PSSu E S ABS SSI-T
312480	PSSu E S ABS SSI
314486	PSSu E S INC 24V se -T
312486	PSSu E S INC 24V se
314485	PSSu E S INC-T
312485	PSSu E S INC
312197	PSSu E S PD-D
314515	PSSu E S RS232-T
312515	PSSu E S RS232
314516	PSSu E S RS485-T
312516	PSSu E S RS485
312430	PSSu K S 16DI
312432	PSSu K S 16DO 0.5
312431	PSSu K S 8DI 8DO 0.5
312438	PSSu K S RS232 Modbus ASCII
312439	PSSu K S RS232

PSSuniversal - base modules

Terminal type

314619	PSSu BP 1/12 C-T	Cage clamp terminal
312619	PSSu BP 1/12 C	Cage clamp terminal
314618	PSSu BP 1/12 S-T	Screw terminal
312618	PSSu BP 1/12 S	Screw terminal

Control technology

Controller and I/O Systems

PSSuniversal - I/O modules

**Order
number** **Description**

PSSuniversal - base modules	Terminal type	
312603	PSSu BP 1/8 C-J	Cage clamp terminal
314601	PSSu BP 1/8 C-T	Cage clamp terminal
314603	PSSu BP 1/8 C-TJ	Cage clamp terminal
312601	PSSu BP 1/8 C	Cage clamp terminal
312602	PSSu BP 1/8 S-J	Screw terminal
314600	PSSu BP 1/8 S-T	Screw terminal
314602	PSSu BP 1/8 S-TJ	Screw terminal
312600	PSSu BP 1/8 S	Screw terminal
314629	PSSu BP 2/16 C-T	Cage clamp terminal
312629	PSSu BP 2/16 C	Cage clamp terminal
314628	PSSu BP 2/16 S-T	Screw terminal
312628	PSSu BP 2/16 S	Screw terminal
314621	PSSu BP-C 1/12 C-T	Cage clamp terminal
312621	PSSu BP-C 1/12 C	Cage clamp terminal
314620	PSSu BP-C 1/12 S-T	Screw terminal
312620	PSSu BP-C 1/12 S	Screw terminal
312613	PSSu BP-C 1/8 C-J	Cage clamp terminal
314611	PSSu BP-C 1/8 C-T	Cage clamp terminal
314613	PSSu BP-C 1/8 C-TJ	Cage clamp terminal
312611	PSSu BP-C 1/8 C	Cage clamp terminal
312612	PSSu BP-C 1/8 S-J	Screw terminal
314610	PSSu BP-C 1/8 S-T	Screw terminal
314612	PSSu BP-C 1/8 S-TJ	Screw terminal
312610	PSSu BP-C 1/8 S	Screw terminal
312631	PSSu BP-C 2/16 C	Cage clamp terminal
312630	PSSu BP-C 2/16 S	Screw terminal
314631	PSSu BP-C 2/8 C-T	Cage clamp terminal
314630	PSSu BP-C 2/8 S-T	Screw terminal
314623	PSSu BP-C1 1/12 C-T	
312623	PSSu BP-C1 1/12 C	
314622	PSSu BP-C1 1/12 S-T	
312622	PSSu BP-C1 1/12 S	
314651	PSSu BS 1/8 C-T	Cage clamp terminal
312651	PSSu BS 1/8 C	Cage clamp terminal
314650	PSSu BS 1/8 S-T	Screw terminal
312650	PSSu BS 1/8 S	Screw terminal
314657	PSSu BS 2/8 C-T	Cage clamp terminal
312657	PSSu BS 2/8 C	Cage clamp terminal
314656	PSSu BS 2/8 S-T	Screw terminal
312656	PSSu BS 2/8 S	Screw terminal
314653	PSSu BS-R 1/8 C-T	Cage clamp terminal
312653	PSSu BS-R 1/8 C	Cage clamp terminal
314652	PSSu BS-R 1/8 S-T	Screw terminal
312652	PSSu BS-R 1/8 S	Screw terminal
314655	PSSu BS-R 2/8 C-T	Cage clamp terminal

Control technology

Controller and I/O Systems

PSSuniversal - I/O modules

Order number **Description**

PSSuniversal - base modules		Terminal type
312655	PSSu BS-R 2/8 C	Cage clamp terminal
314654	PSSu BS-R 2/8 S-T	Screw terminal
312654	PSSu BS-R 2/8 S	Screw terminal

PSSuniversal - power supply modules	
315185	PSSu E F PS-P-R
314185	PSSu E F PS-P-T
312185	PSSu E F PS-P
314190	PSSu E F PS-T
314191	PSSu E F PS1-T
312191	PSSu E F PS1
315192	PSSu E F PS2-R
314192	PSSu E F PS2-T
312192	PSSu E F PS2
312190	PSSu E F PS
314195	PSSu E PD-T
314196	PSSu E PD1-T
312196	PSSu E PD1
312195	PSSu E PD
312591	PSSu E PS-P +/-10V
312592	PSSu E PS-P +/-15V
312590	PSSu E PS-P 5V

Accessories PSSuniversal		Type of general accessories
312923	PSSu A CE "A" grey (10 pcs.)	Coding element
312921	PSSu A CE "A" light-grey (10 pcs.)	Coding element
312903	PSSu A CE "A" yellow (10 pcs.)	Coding element
312924	PSSu A CE "B" grey (10 pcs.)	Coding element
313900	PSSu A CE "B" light-grey (10 pcs.)	Coding element
312904	PSSu A CE "B" yellow (10 pcs.)	Coding element
312925	PSSu A CE "C" grey (10 pcs.)	Coding element
313901	PSSu A CE "C" light-grey (10 pcs.)	Coding element
312905	PSSu A CE "C" yellow (10 pcs.)	Coding element
312926	PSSu A CE "D" grey (10 pcs.)	Coding element
313902	PSSu A CE "D" light-grey (10 pcs.)	Coding element
312906	PSSu A CE "D" yellow (10 pcs.)	Coding element
312927	PSSu A CE "E" grey (10 pcs.)	Coding element
312907	PSSu A CE "E" yellow (10 pcs.)	Coding element
312928	PSSu A CE "F" grey (10 pcs.)	Coding element
312908	PSSu A CE "F" yellow (10 pcs.)	Coding element
312929	PSSu A CE "G" grey (10 pcs.)	Coding element
312909	PSSu A CE "G" yellow (10 pcs.)	Coding element

Control technology

Controller and I/O Systems

PSSuniversal - I/O modules

Order number **Description**

Accessories PSSuniversal	Type of general accessories
312930 PSSu A CE "H" grey (10 pcs.)	Coding element
312910 PSSu A CE "H" yellow (10 pcs.)	Coding element
312931 PSSu A CE "I" grey (10 pcs.)	Coding element
312911 PSSu A CE "I" yellow (10 pcs.)	Coding element
312932 PSSu A CE "J" grey (10 pcs.)	Coding element
312912 PSSu A CE "J" yellow (10 pcs.)	Coding element
312933 PSSu A CE "K" grey (10 pcs.)	Coding element
312913 PSSu A CE "K" yellow (10 pcs.)	Coding element
312934 PSSu A CE "L" grey (10 pcs.)	Coding element
312914 PSSu A CE "L" yellow (10 pcs.)	Coding element
312935 PSSu A CE "M" grey (10 pcs.)	Coding element
312915 PSSu A CE "M" yellow (10 pcs.)	Coding element
312936 PSSu A CE "N" grey (10 pcs.)	Coding element
312916 PSSu A CE "N" yellow (10 pcs.)	Coding element
312937 PSSu A CE "O" grey (10 pcs.)	Coding element
312917 PSSu A CE "O" yellow (10 pcs.)	Coding element
312938 PSSu A CE "P" grey (10 pcs.)	Coding element
312918 PSSu A CE "P" yellow (10 pcs.)	Coding element
312939 PSSu A CE "Q" grey (10 pcs.)	Coding element
312919 PSSu A CE "Q" yellow (10 pcs.)	Coding element
312940 PSSu A CE "R" grey (10 pcs.)	Coding element
312920 PSSu A CE "R" yellow (10 pcs.)	Coding element
314094 PSSu A RJ45-CAB 1.5M	Connection cable
312992 PSSu A USB-CAB03	Connection cable
312993 PSSu A USB-CAB05	Connection cable
312900 PSSu A ET (10 pcs.)	End bracket
312949 PSSu A ET PE (10 pcs.)	End bracket
312901 PSSu A ETM (2 pcs.)	End bracket
312950 PSSu A ME0 (10x6 pcs.)	Marker
312951 PSSu A ME1 (10x6 pcs.)	Marker
312952 PSSu A ME2 (10x6 pcs.)	Marker
312953 PSSu A ME3 (10x6 pcs.)	Marker
312954 PSSu A ME4 (10x6 pcs.)	Marker
312955 PSSu A ME5 (10x6 pcs.)	Marker
312956 PSSu A ME5 (10x6 pcs.)	Marker
312957 PSSu A ME7 (10x6 pcs.)	Marker
312964 PSSu A SH T (10 pcs.)	Marker
313100 SD Memory Card 512MB	Memory card
312963 PSSu A SH S (10 pcs.)	Shielded terminal
312958 PSSu A LA0 (10 x 108 pcs.)	Terminal designation
312967 PSSu A LA0.1 (10 x 108 pcs.)	Terminal designation
312959 PSSu A LA1 (10x50 pcs.)	Terminal designation
312960 PSSu A LA2 (10x50 pcs.)	Terminal designation
312961 PSSu A LA3 (10x50 pcs.)	Terminal designation

Control technology

Controller and I/O Systems

PSSuniversal - I/O modules

**Order
number** **Description**

Accessories PSSuniversal

**Type of general
accessories**

312962	PSSu A LA4 (10x50 pcs.)	Terminal designation
312966	PSSu A LC 0.1 (5 pcs.)	Terminal designation
313115	PSSu A Con 1/10 C (2 pcs.)	Terminal kit
313110	PSSu A Con 1/4 S (2 pcs.)	Terminal kit
313111	PSSu A Con 2/8 C (2 pcs.)	Terminal kit
313116	PSSu A Con 3/30 C (2 pcs.)	Terminal kit
313114	PSSu A Con Set1 C	Terminal kit
312902	PSSu A EC	
312969	PSSu A EC XB	
314092	PSSu XB F -T	
314093	PSSu XR F -T	
314902	PSSu A EC-T	
313117	PSSu A Con 4 S	
313118	PSSu A Con 4 C	

Control technology

Controller and I/O Systems

PDP67 - modules

Order number	Description		
SafetyBUS p - I/O modules		Number of digital inputs	Protection type, housing
311300	PSS67 F 16DI SB-T	16	IP67
I/O Net p - I/O modules		Number of digital inputs	Protection type, housing
773615	PDP67 F 8DI ION HP VA	8	IP67
773601	PDP67 F 8DI ION HP	8	IP67
773614	PDP67 F 8DI ION VA	8	IP67
773600	PDP67 F 8DI ION	8	IP67
Passive junction		Protection type, housing	
773613	PDP67 F 4 code VA	IP67	
773603	PDP67 F 4 code	IP67	
Accessories PDP67 - modules		Type of general accessories	
773612	PDP67 Connector cs VA	Adapter cable	
773610	PDP67 Connector cs	Adapter cable	
380301	PSEN cs adapter	Adapter	
380300	PSEN ma adapter	Adapter	
380305	PSEN op 2H Receiver adapter	Adapter	
380306	PSEN op M12 V1 Receiver adapter	Adapter	
380307	PSEN op M12 V2 Receiver adapter	Adapter	
380302	PSEN op1.1 adapter	Adapter	
380303	PSEN op1.2 adapter	Adapter	
380323	PSEN op2/4 M12 Receiver ad	Adapter	
380322	PSEN op2/4 M12 Transmitter ad	Adapter	
380326	PSEN op4F/H Receiver adapter	Adapter	
380304	PSEN opt M8 M12 Transmitter adapter	Adapter	
380325	PSEN sl adapter	Adapter	
380350	PSEN T M12	Adapter	
380324	Caps for IP67 moduls	Blank cover	
380710	PDP67 Cable M12-5sf M12-5sm, 0.5m	Connection cable	
380712	PDP67 Cable M12-5sf M12-5sm, 1.5m	Connection cable	
380711	PDP67 Cable M12-5sf M12-5sm, 1m	Connection cable	
380713	PDP67 Cable M12-5sf M12-5sm, 2m	Connection cable	
380706	PDP67 cable M12-5sm, 10m	Connection cable	
380707	PDP67 cable M12-5sm, 20m	Connection cable	
380708	PDP67 cable M12-5sm, 30m	Connection cable	
380705	PDP67 cable M12-5sm, 3m	Connection cable	
380709	PDP67 cable M12-5sm, 5m	Connection cable	
380702	PDP67 cable M12-8sm, 10m	Connection cable	
380703	PDP67 cable M12-8sm, 20m	Connection cable	
380700	PDP67 cable M12-8sm, 2m	Connection cable	

Control technology

Controller and I/O Systems

PDP67 - modules

Order number **Description**

Accessories PDP67 - modules	Type of general accessories	
380704	PDP67 cable M12-8sm, 30m	Connection cable
380701	PDP67 cable M12-8sm, 5m	Connection cable
380220	PSS67 cable M12-5sf, M12-5sm, 20m	Connection cable
380214	PSS67 Cable M12af M12am, 10m	Connection cable
380215	PSS67 Cable M12af M12am, 30m	Connection cable
380212	PSS67 Cable M12af M12am, 3m	Connection cable
380213	PSS67 Cable M12af M12am, 5m	Connection cable
380210	PSS67 Cable M12sf M12sm, 10m	Connection cable
380211	PSS67 Cable M12sf M12sm, 30m	Connection cable
380208	PSS67 Cable M12sf M12sm, 3m	Connection cable
380209	PSS67 Cable M12sf M12sm, 5m	Connection cable
380206	PSS67 Cable M8af M12sm, 10m	Connection cable
380207	PSS67 Cable M8af M12sm, 30m	Connection cable
380204	PSS67 Cable M8af M12sm, 3m	Connection cable
380205	PSS67 Cable M8af M12sm, 5m	Connection cable
380202	PSS67 Cable M8sf M12sm, 10m	Connection cable
380203	PSS67 Cable M8sf M12sm, 30m	Connection cable
380200	PSS67 Cable M8sf M12sm, 3m	Connection cable
380201	PSS67 Cable M8sf M12sm, 5m	Connection cable
380320	PSS67 I/O Cable	Connection cable
380315	PSS67 M12 con.,angled,female,5pole,B	Connector
380313	PSS67 M12 con.,straight,female,5pole,B	Connector
380309	PSS67 M12 connector straight,female,5pol	Connector
380310	PSS67 M12 connector, angled, male, 5pole	Connector
380311	PSS67 M12 connector, angled,female,5pole	Connector
380314	PSS67 M12 connector,angled,male,5pole,B	Connector
380308	PSS67 M12 connector,straight,male,5pole	Connector
380312	PSS67 M12 connector,straight,male,5poleB	Connector
380505	PSS67 SB LC Cable IN af OUT am, A, 10m	SafetyBUS cable
380503	PSS67 SB LC Cable IN af OUT am, A, 3m	SafetyBUS cable
380504	PSS67 SB LC Cable IN af OUT am, A, 5m	SafetyBUS cable
380511	PSS67 SB LC Cable IN af, A, 10m	SafetyBUS cable
380509	PSS67 SB LC Cable IN af, A, 3m	SafetyBUS cable
380510	PSS67 SB LC Cable IN af, A, 5m	SafetyBUS cable
380502	PSS67 SB LC Cable IN sf OUT sm, A, 10m	SafetyBUS cable
380500	PSS67 SB LC Cable IN sf OUT sm, A, 3m	SafetyBUS cable
380501	PSS67 SB LC Cable IN sf OUT sm, A, 5m	SafetyBUS cable
380508	PSS67 SB LC Cable IN sf, A, 10m	SafetyBUS cable
380506	PSS67 SB LC Cable IN sf, A, 3m	SafetyBUS cable
380507	PSS67 SB LC Cable IN sf, A, 5m	SafetyBUS cable
380255	PSS67 Supply Cable IN af OUT am, B, 10m	Supply cable
380253	PSS67 Supply Cable IN af OUT am, B, 3m	Supply cable
380254	PSS67 Supply Cable IN af OUT am, B, 5m	Supply cable
380261	PSS67 Supply Cable IN af, B, 10m	Supply cable

Control technology

Controller and I/O Systems

PDP67 - modules

Order number **Description**

Accessories PDP67 - modules

Type of general accessories

380259	PSS67 Supply Cable IN af, B, 3m	Supply cable
380260	PSS67 Supply Cable IN af, B, 5m	Supply cable
380252	PSS67 Supply Cable IN sf OUT sm, B, 10m	Supply cable
380250	PSS67 Supply Cable IN sf OUT sm, B, 3m	Supply cable
380251	PSS67 Supply Cable IN sf OUT sm, B, 5m	Supply cable
380258	PSS67 Supply Cable IN sf, B, 10m	Supply cable
380257	PSS67 Supply Cable IN sf, B, 5m	Supply cable
380321	PSS67 Supply cable	Supply cable
380256	PSS67 Supply Cable IN sf, B, 3m	

Control technology

Controller and I/O Systems

PDP20 - modules

Order number **Description**

Interface modules

Number of digital inputs

773310 PDP20 F 4 mag

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Control technology

Controller and I/O Systems

PSSdio - I/O modules

Order number	Description
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Accessories PSSdio

311060	PSS SB SCREW TERM DI8O8
311061	PSS SB SPING TERM DI8O8
311062	PSS SB SCREW TERM DI 16
311063	PSS SB DI 16 TERMINALS S/LOADED

PSSdio for SafetyBUS p

307121	PSSu rp SB DI16 1
307122	PSSu rp SB DI16 2
307141	PSSu rp SB DI8O8 1
307142	PSSu rp SB DI8O8 2
307143	PSSu rp SB DI8O8 3
307131	PSSu rp SB DI8OZ4 1
307132	PSSu rp SB DI8OZ4 2
307133	PSSu rp SB DI8OZ4 3

Networks

Bus systems

System components - bus systems

Order number	Description		
Router		Number of SafetyBUS p interfaces	Application range
311055	PSS SB ROUTER1	2	Failsafe
Bridges		Number of SafetyBUS p interfaces	Application range
301131	PSS SB BRIDGE	2	Failsafe
Active Junctions		Number of SafetyBUS p interfaces	Application range
311057	PSS SB ACTIVE JUNCTION EXPANSION	2	Failsafe
311056	PSS SB ACTIVE JUNCTION BASIS	3	Failsafe
311059	PSS SB Passive Junction	1	Failsafe
Gateways			
311602	PSSnet GW1 MOD-CAN		
311601	PSSnet GW1 MOD-EtherCAT		
Accessories SafetyBUS p			
311040	PSS SB SUB-D4		
311041	PSS SB SUB-D4-DIAG		
311050	PSS SB SUB-D0		
311051	PSS SB Sub-D 1 Connector		
311053	PSS SB SUB-D-FO HIGHSPEED		
311054	PSS SB SUB-D1-DIAG		
311058	PSS SB SUB-D3		
311090	PSS SB TESTER D		
311091	PSS SB TESTER GB		
311098	PSS SB TESTER BAT		

Networks

Safe ethernet

SafetyNET p - system components

Order number	Description
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SafetyNET p - Switches**Management functions**

380602	PSSnet SHL 6T 2FMMSC MRP	managed
380650	PSSnet SHL 6T 2FSMSC MRP	managed
380601	PSSnet SHL 8T MRP	managed
380604	PSSnet SLL 4T 1FMMSC	unmanaged
380600	PSSnet SLL 5T	unmanaged

SafetyNET p - plugs

380400	SafetyNET p Connector RJ45s
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SafetyNET p - cables

380000	SafetyNET p Cable per mtr
380001	SN CAB RJ45s RJ45s, 0,5m
380009	SN CAB RJ45s RJ45s, 10m
380003	SN CAB RJ45s RJ45s, 1m
380005	SN CAB RJ45s RJ45s, 2m
380007	SN CAB RJ45s RJ45s, 5m

Accessories SafetyNET p

380070	Stripping Tool
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Drive technology

Motion control systems

PMCprimo - motion control systems

Order number	Description		
PMCprimo 16+ - controller-based		Other extension	Software option
8164292	PMCprimo 16+.00/0/0/2		2 = Without
8166685	PMCprimo 16+.00/0/0/3		3 = Motion
8164578	PMCprimo 16+.00/0/0/4		4 = SoftPLC
8164842	PMCprimo 16+.00/0/0/5		5 = motion +SoftPLC
8169278	PMCprimo 16+.00/0/1/0/2		2 = Without
8168803	PMCprimo 16+.00/0/1/0/5		5 = motion +SoftPLC
8176397	PMCprimo 16+.00/0/1/5/3		3 = Motion
8165285	PMCprimo 16+.00/0/1/5/4		4 = SoftPLC
8176038	PMCprimo 16+.00/0/1/5/5		5 = motion +SoftPLC
8163911	PMCprimo 16+.00/0/1/6/4		4 = SoftPLC
8164068	PMCprimo 16+.00/0/1/6/5		5 = motion +SoftPLC
8165679	PMCprimo 16+.00/0/5/0/2		2 = Without
8167898	PMCprimo 16+.00/0/5/0/3		3 = Motion
8165733	PMCprimo 16+.00/0/5/0/4		4 = SoftPLC
8167639	PMCprimo 16+.00/0/5/0/5		5 = motion +SoftPLC
8176077	PMCprimo 16+.00/0/6/0/4		4 = SoftPLC
8172100	PMCprimo 16+.00/0/6/0/5		5 = motion +SoftPLC
8169927	PMCprimo 16+.00/1/0/0/2	Yes	2 = Without
8175956	PMCprimo 16+.00/1/0/0/3	Yes	3 = Motion
8165412	PMCprimo 16+.00/1/0/0/4	Yes	4 = SoftPLC
8174305	PMCprimo 16+.00/1/0/0/5	Yes	5 = motion +SoftPLC
8176304	PMCprimo 16+.00/1/1/0/3	Yes	3 = Motion
PMCprimo Drive - drive-based		Nominal voltage	Supply voltage range
8168692	PMCprimo Drive2.01/11/2/230-480V	1.50 A	230 - 480 V
8169838	PMCprimo Drive2.01/11/3/230-480V	1.50 A	230 - 480 V
8169441	PMCprimo Drive2.01/11/4/230-480V	1.50 A	230 - 480 V
8175795	PMCprimo Drive2.01/21/2/230-480V	1.50 A	230 - 480 V
8175916	PMCprimo Drive2.01/21/4/230-480V	1.50 A	230 - 480 V
8166356	PMCprimo Drive2.01/21/5/230-480V	1.50 A	230 - 480 V
8174823	PMCprimo Drive2.01/21/6/230-480V	1.50 A	230 - 480 V
8175982	PMCprimo Drive2.01/23/3/230-480V	1.50 A	230 - 480 V
8176058	PMCprimo Drive2.01/25/5/230-480V	1.50 A	230 - 480 V
8168693	PMCprimo Drive2.03/11/2/230-480V	3.00 A	230 - 480 V
8169839	PMCprimo Drive2.03/11/3/230-480V	3.00 A	230 - 480 V
8169442	PMCprimo Drive2.03/16/2/230-480V	3.00 A	230 - 480 V
8168830	PMCprimo Drive2.03/21/2/230-480V	3.00 A	230 - 480 V
8172634	PMCprimo Drive2.03/21/4/230-480V	3.00 A	230 - 480 V
8171621	PMCprimo Drive2.03/21/5/230-480V	3.00 A	230 - 480 V
8175912	PMCprimo Drive2.03/23/3/230-480V	3.00 A	230 - 480 V
8175397	PMCprimo Drive2.03/25/2/230-480V	3.00 A	230 - 480 V
8168694	PMCprimo Drive2.06/11/2/230-480V	6.00 A	230 - 480 V
8169726	PMCprimo Drive2.06/11/3/230-480V	6.00 A	230 - 480 V
8169084	PMCprimo Drive2.06/21/2/230-480V	6.00 A	230 - 480 V

Drive technology

Motion control systems

PMCprimo - motion control systems

Order number **Description**

PMCprimo Drive - drive-based	Nominal voltage	Supply voltage range	
8174050	PMCprimo Drive2.06/21/3/230-480V	6.00 A	230 - 480 V
8170456	PMCprimo Drive2.06/21/4/230-480V	6.00 A	230 - 480 V
8173180	PMCprimo Drive2.06/21/5/230-480V	6.00 A	230 - 480 V
8175259	PMCprimo Drive2.06/23/2/230-480V	6.00 A	230 - 480 V
8170346	PMCprimo Drive2.06/23/3/230-480V	6.00 A	230 - 480 V
8176454	PMCprimo Drive2.06/24/3/230-480V	6.00 A	230 - 480 V
8176436	PMCprimo Drive2.06/25/3/230-480V	6.00 A	230 - 480 V
8168695	PMCprimo Drive2.10/11/2/230-480V	10.00 A	230 - 480 V
8169443	PMCprimo Drive2.10/16/2/230-480V	10.00 A	230 - 480 V
8176500	PMCprimo Drive2.10/16/3/230-480V	10.00 A	230 - 480 V
8170182	PMCprimo Drive2.10/21/2/230-480V	10.00 A	230 - 480 V
8176168	PMCprimo Drive2.10/21/3/230-480V	10.00 A	230 - 480 V
8176170	PMCprimo Drive2.10/21/5/230-480V	10.00 A	230 - 480 V
8169886	PMCprimo Drive2.10/23/2/230-480V	10.00 A	230 - 480 V
8169585	PMCprimo Drive2.10/25/5/230-480V	10.00 A	230 - 480 V
8172460	PMCprimo Drive2.14/11/2/230-480V	14.00 A	230 - 480 V
8175947	PMCprimo Drive2.20/11/2/230-480V	20.00 A	230 - 480 V
8172618	PMCprimo Drive2.20/21/2/230-480V	20.00 A	230 - 480 V
8174399	PMCprimo Drive2.20/21/3/230-480V	20.00 A	230 - 480 V
8175917	PMCprimo Drive2.20/21/5/230-480V	20.00 A	230 - 480 V
8172796	PMCprimo Drive2.20/22/2/230-480V	20.00 A	230 - 480 V
8175196	PMCprimo Drive2.20/26/3/230-480V	20.00 A	230 - 480 V
8176053	PMCprimo Drive3.01/11/2/0/0/208-480VAC	1.50 A	208 - 480 V
8176096	PMCprimo Drive3.01/11/3/0/0/208-480VAC	1.50 A	208 - 480 V
8176237	PMCprimo Drive3.01/11/4/0/0/208-480VAC	1.50 A	208 - 480 V
8176083	PMCprimo Drive3.01/21/2/0/0/208-480VAC	1.50 A	208 - 480 V
8176238	PMCprimo Drive3.01/21/4/0/0/208-480VAC	1.50 A	208 - 480 V
8176169	PMCprimo Drive3.01/21/5/0/0/208-480VAC	1.50 A	208 - 480 V
8176395	PMCprimo Drive3.01/21/7/0/0/208-480VAC	1.50 A	208 - 480 V
8176435	PMCprimo Drive3.01/25/4/0/0/208-480VAC	1.50 A	208 - 480 V
8176050	PMCprimo Drive3.03/11/2/0/0/110-230VAC	3.00 A	110 - 230 V
8176054	PMCprimo Drive3.03/11/2/0/0/208-480VAC	3.00 A	208 - 480 V
8176099	PMCprimo Drive3.03/11/3/0/0/208-480VAC	3.00 A	208 - 480 V
8176650	PMCprimo Drive3.03/11/4/0/0/208-480VAC	3.00 A	208 - 480 V
8176467	PMCprimo Drive3.03/11/5/0/0/208-480VAC	3.00 A	208 - 480 V
8176084	PMCprimo Drive3.03/21/2/0/0/208-480VAC	3.00 A	208 - 480 V
8176287	PMCprimo Drive3.03/21/4/0/0/110-230VAC	3.00 A	110 - 230 V
8176239	PMCprimo Drive3.03/21/4/0/0/208-480VAC	3.00 A	208 - 480 V
8176094	PMCprimo Drive3.03/21/5/0/0/208-480VAC	3.00 A	208 - 480 V
8176155	PMCprimo Drive3.03/21/6/0/0/208-480VAC	3.00 A	208 - 480 V
8176388	PMCprimo Drive3.03/25/5/0/0/208-480VAC	3.00 A	208 - 480 V
8176051	PMCprimo Drive3.06/11/2/0/0/110-230VAC	6.00 A	110 - 230 V
8176055	PMCprimo Drive3.06/11/2/0/0/208-480VAC	6.00 A	208 - 480 V
8176085	PMCprimo Drive3.06/21/2/0/0/208-480VAC	6.00 A	208 - 480 V
8176679	PMCprimo Drive3.06/21/3/0/0/208-480VAC	6.00 A	208 - 480 V

Drive technology

Motion control systems

PMCprimo - motion control systems

Order number **Description**

PMCprimo Drive - drive-based		Nominal voltage	Supply voltage range
8176415	PMCprimo Drive3.06/21/4/0/0/110-230VAC	6.00 A	110 - 230 V
8176240	PMCprimo Drive3.06/21/4/0/0/208-480VAC	6.00 A	208 - 480 V
8176241	PMCprimo Drive3.06/21/5/0/0/208-480VAC	6.00 A	208 - 480 V
8176095	PMCprimo Drive3.06/21/6/0/0/208-480VAC	6.00 A	208 - 480 V
8176052	PMCprimo Drive3.10/11/2/0/0/110-230VAC	10.00 A	110 - 230 V

PMCprimo DriveP - drive-based	
8176700	PMCprimo DriveP.01/AA0/4/0/0/208-480VAC
8176701	PMCprimo DriveP.01/AA0/5/0/0/208-480VAC
8176720	PMCprimo DriveP.01/AA0/6/0/0/208-480VAC
8176721	PMCprimo DriveP.01/AB0/4/0/0/208-480VAC
8176704	PMCprimo DriveP.03/AA0/4/0/0/208-480VAC
8176711	PMCprimo DriveP.03/AB0/2/0/0/208-480VAC
8176708	PMCprimo DriveP.03/AB0/3/0/0/208-480VAC
8176705	PMCprimo DriveP.03/AB0/5/0/0/208-480VAC
8176719	PMCprimo DriveP.03/ABC/7/0/0/208-480VAC
8176706	PMCprimo DriveP.06/AA0/4/0/0/208-480VAC
8176712	PMCprimo DriveP.06/AB0/2/0/0/208-480VAC
8176709	PMCprimo DriveP.06/AB0/3/0/0/208-480VAC
8176717	PMCprimo DriveP.12/AA0/2/0/0/208-480VAC
8176702	PMCprimo DriveP.12/AA0/4/0/0/208-480VAC
8176703	PMCprimo DriveP.12/AA0/4/P/0/208-480VAC
8176714	PMCprimo DriveP.12/AAC/4/0/0/208-480VAC
8176713	PMCprimo DriveP.12/AB0/2/0/0/208-480VAC
8176710	PMCprimo DriveP.12/AB0/3/0/0/208-480VAC
8176715	PMCprimo DriveP.12/ABC/4/P/0/208-480VAC
8176716	PMCprimo DriveP.24/AA0/5/0/0/208-480VAC
8176707	PMCprimo DriveP.24/ABB/4/0/0/208-480VAC
8176718	PMCprimo DriveP.48/AA0/4/0/0/208-480VAC

PMCprimo C - Safe drive-based	
680050	PMCprimo C.0/A/A/2
680051	PMCprimo C.0/A/A/3
680052	PMCprimo C.0/A/A/4
680053	PMCprimo C.0/A/A/5
680054	PMCprimo C.0/A/A/6
680055	PMCprimo C.0/A/A/7
680060	PMCprimo C.0/A/B/2
680061	PMCprimo C.0/A/B/3
680062	PMCprimo C.0/A/B/4
680063	PMCprimo C.0/A/B/5
680064	PMCprimo C.0/A/B/6
680065	PMCprimo C.0/A/B/7

Drive technology

Motion control systems

PMCprimo - motion control systems

Order number **Description**

Accessories PMCprimo	Type of general accessories	
680040	PMCprimo DriveP.CAN-CAN-Adapter 01-24	Adapter
680042	PMCprimo DriveP.CAN-CAN-Adapter 48-72	Adapter
680041	PMCprimo DriveP.CAN-PROFI-Adapter 01-24	Adapter
680043	PMCprimo DriveP.CAN-PROFI-Adapter 48-72	Adapter
8163889	Compact-Flash-Card	Memory card
8165548	Crossover Patch Kabel	Programming cable
1802620	Cable Can PMCLink>PMCLink:L=2,0m	
1802949	Cable interface PC RS232>DD4/primo Drive	
1803117	Cable Can PMCLink>PMCLink:L=0,7m	
1803136	Cable Can PMCLink>PMCLink:L=0,25m	
8168255	Cable PMCprimoDrive>Mod-Profibus:L=0,45m	
8176060	Cable PMCprimo>PMI CAN:L=2,5m	
8176078	Cable PMCprimo>PMI Modbus:L=3M	
8176156	Cable PMCprimo>PSSu CAN + R:L=1m	
8176192	power supply ML 100-240VAC/5VDC-5A	
8176194	power supply ML 100-240VAC/12VDC-2,5A	
8176196	power supply ML 100-240VAC/24VDC-4,2A	

Drive technology

Servo drives

PM Ctendo DD - servo drives

Order number Description

PM Ctendo DD	Nominal voltage	Supply voltage range	
4105413	PM Ctendo DD4.01/112/230-480V	1.50 A	230 - 480 V
8161153	PM Ctendo DD4.01/117/230-480V	1.50 A	230 - 480 V
0105219	PM Ctendo DD4.01/122/230-480V	1.50 A	230 - 480 V
4105419	PM Ctendo DD4.03/112/230-480V	3.00 A	230 - 480 V
8161147	PM Ctendo DD4.03/117/230-480V	3.00 A	230 - 480 V
0105248	PM Ctendo DD4.03/122/230-480V	3.00 A	230 - 480 V
4105574	PM Ctendo DD4.03/162/230-480V	3.00 A	230 - 480 V
4105418	PM Ctendo DD4.06/112/230-480V	6.00 A	230 - 480 V
0105266	PM Ctendo DD4.06/117/230-480V	6.00 A	230 - 480 V
8175961	PM Ctendo DD4.06/122/230-480V	6.00 A	230 - 480 V
4105812	PM Ctendo DD4.06/162/230-480V	6.00 A	230 - 480 V
8176230	PM Ctendo DD4.06/167/230-480V	6.00 A	230 - 480 V
4105417	PM Ctendo DD4.10/112/230-480V	10.00 A	230 - 480 V
8173716	PM Ctendo DD4.10/117/230-480V	10.00 A	230 - 480 V
0105205	PM Ctendo DD4.10/122/230-480V	10.00 A	230 - 480 V
4105618	PM Ctendo DD4.10/162/230-480V	10.00 A	230 - 480 V
8173796	PM Ctendo DD4.10/167/230-480V	10.00 A	230 - 480 V
4105493	PM Ctendo DD4.14/112/230-480V	14.00 A	230 - 480 V
4105687	PM Ctendo DD4.14/162/230-480V	14.00 A	230 - 480 V
4105416	PM Ctendo DD4.20/112/230-480V	20.00 A	230 - 480 V
4105573	PM Ctendo DD4.20/162/230-480V	20.00 A	230 - 480 V
0105272	PM Ctendo DD4.40/162/230-480V	40.00 A	230 - 480 V
4105414	PM Ctendo DD4.70/162/230-480V	70.00 A	230 - 480 V
8176003	PM Ctendo DD5.01/000/0/0/0/208-480VAC	1.50 A	208 - 480 V
8176000	PM Ctendo DD5.03/000/0/0/0/110-230VAC	3.00 A	110 - 230 V
8176004	PM Ctendo DD5.03/000/0/0/0/208-480VAC	3.00 A	208 - 480 V
8176005	PM Ctendo DD5.06/000/0/0/0/208-480VAC	6.00 A	208 - 480 V
8176001	PM Ctendo DD5.06/112/115-230VAC	6.00 A	110 - 230 V
8176002	PM Ctendo DD5.10/000/0/0/0/110-230VAC	10.00 A	110 - 230 V

Accessories PM Ctendo DD	Type of general accessories	
8175927	Cable Power DD4wire>ACbox:L10mQ2,5BrSK	Connection cable
8176673	PM Ctendo DD5/400 spare part plug + X9	Connector kit
8177141	PM Ccable M2/B1B2/005/1Q5/S1	Motor cable
8177142	PM Ccable M2/B1B2/010/1Q5/S1	Motor cable
8177143	PM Ccable M2/B1B2/015/1Q5/S1	Motor cable
8177144	PM Ccable M2/B1B2/020/1Q5/S1	Motor cable
8177261	PM Ccable M2/B1B5/005/1Q0/S1	Motor cable
0803090	Cable Power DD4plug>ACplug1:L10mQ1,5BrSK	
0803091	Cable Hiperface DD4plug>ACplug:L10m	
0803139	Cable Power DD4plug>ACplug1:L15mQ1,5BrSK	
0803140	Cable Hiperface DD4plug>ACplug:L15m	
0803141	Cable Power DD4plug>ACplug1:L20mQ1,5BrSK	

Drive technology

Servo drives

PM Ctendo DD - servo drives

Order number **Description**

Accessories PM Ctendo DD	Type of general accessories
0803142	Cable Hiperface DD4plug>ACplug:L20m
0803148	Cable Hiperface DD4plug>ACplug:L08m
0803149	Cable Power DD4plug>ACplug1:L08mQ1,5BrSK
4105424	PM Ctendo DD4 motor connector kit
4105531	PM Ctendo DD4 D1 I/O-Karte
4105774	Motor reactor MD 400/4
4105777	Motor reactor MD 400/10
4105779	PM Ctendo DD4 Profibus card
8163583	PM Ctendo DD4.CAN-Adapter Slot version
8165834	Cable Resolver DD4plug>ACplug:L10mSK
8165878	Cable Resolver DD4plug>ACplug:L05mSK
8165879	Cable Hiperface DD4plug>ACplug:L05m
8165880	Cable Power DD4plug>ACbox:L05mQ1,5BrSK
8165881	Cable Power DD4plug>ACbox:L10mQ1,5BrSK
8165882	Cable Power DD4plug>ACplug1:L05mQ1,5BrSK
8165883	Cable Resolver DD4plug>ACplug:L15mSK
8166771	Line filter f. DD FFU 3X42K-KK
8166891	Cable Power DD4plug>ACbox:L15mQ1,5BrSK
8170535	Line filter f. DD FFU 3X30K-KK
8171507	Line filter f. DD FFU 3X07K-KK
8171509	Line filter f. DD FFU 3X16K-KK
8172357	Cable Power DD4plug>ACbox:L20mQ1,5BrSK
8175954	Cable Resolver DD4plug>ACplug:L20mSK
8175977	Cable Power DD4plug>ACplug1:L05mQ2,5BrSK
8176041	Cable Resolver DD4plug>ACplug:L07mSK
8176062	Cable Power DD5wire>ACbox:L05MQ1,5BR SK
8176063	Cable Power DD5wire>ACbox:L10MQ1,5BR SK
8176064	Cable Power DD5wire>ACbox:L15MQ1,5BR SK
8176065	Cable Power DD5wire>ACbox:L20MQ1,5BR SK
8176069	Cable Power DD5wire>ACplug1:L05MQ1,5BR SK
8176070	Cable Power DD5wire>ACplug1:L10MQ1,5BR SK
8176071	Cable Power DD5wire>ACplug1:L15MQ1,5BR SK
8176072	Cable Power DD5wire>ACplug1:L20MQ1,5BR SK
8176213	Motor reactor MD 400/25
8176259	Cable Hiperface DD4plug>ACplug:L04,2m
8176280	PMC Expansion Card Profibus DP Slave
8176364	Brake resistor 1600W/10R/T/U
8176092	Brake resistor 300W/91R/T/U
8176378	Brake resistor 300W/66R/T/U
8176380	Brake resistor 600W/66R/T/U
8176376	Brake resistor 1600W/15R/T/U
8176188	Brake resistor 600W/91R/T/U
8176382	Line filter for DD FFU 3X100K-KK

Drive technology

Servo drives

PMCprotego D - servo drives

Order number	Description		
PMCprotego D		Supply voltage range	Continuous output current at 3x400V
8176100	PMCprotego D.01/000/0/0/2/208-480VAC	208 - 480 V	1.5 A
8176510	PMCprotego D.01/010/0/0/2/208-480VAC	208 - 480 V	1.5 A
8176514	PMCprotego D.01/100/0/0/2/208-480VAC	208 - 480 V	1.5 A
8176513	PMCprotego D.01/200/0/0/2/208-480VAC	208 - 480 V	1.5 A
8176101	PMCprotego D.03/000/0/0/2/208-480VAC	208 - 480 V	3.0 A
8176520	PMCprotego D.03/010/0/0/2/208-480VAC	208 - 480 V	3.0 A
8176524	PMCprotego D.03/100/0/0/2/208-480VAC	208 - 480 V	3.0 A
8176523	PMCprotego D.03/200/0/0/2/208-480VAC	208 - 480 V	3.0 A
8176102	PMCprotego D.06/000/0/0/2/208-480VAC	208 - 480 V	6.0 A
8176530	PMCprotego D.06/010/0/0/2/208-480VAC	208 - 480 V	6.0 A
8176534	PMCprotego D.06/100/0/0/2/208-480VAC	208 - 480 V	6.0 A
8176533	PMCprotego D.06/200/0/0/2/208-480VAC	208 - 480 V	6.0 A
8176103	PMCprotego D.12/000/0/0/2/208-480VAC	208 - 480 V	12.0 A
8176423	PMCprotego D.12/000/0/P/2/208-480VAC	208 - 480 V	12.0 A
8176540	PMCprotego D.12/010/0/0/2/208-480VAC	208 - 480 V	12.0 A
8176550	PMCprotego D.12/010/0/P/2/208-480VAC	208 - 480 V	12.0 A
8176544	PMCprotego D.12/100/0/0/2/208-480VAC	208 - 480 V	12.0 A
8176554	PMCprotego D.12/100/0/P/2/208-480VAC	208 - 480 V	12.0 A
8176543	PMCprotego D.12/200/0/0/2/208-480VAC	208 - 480 V	12.0 A
8176553	PMCprotego D.12/200/0/P/2/208-480VAC	208 - 480 V	12.0 A
8176104	PMCprotego D.24/000/0/0/2/208-480VAC	208 - 480 V	24.0 A
8176424	PMCprotego D.24/000/0/P/2/208-480VAC	208 - 480 V	24.0 A
8176560	PMCprotego D.24/010/0/0/2/208-480VAC	208 - 480 V	24.0 A
8176570	PMCprotego D.24/010/0/P/2/208-480VAC	208 - 480 V	24.0 A
8176564	PMCprotego D.24/100/0/0/2/208-480VAC	208 - 480 V	24.0 A
8176574	PMCprotego D.24/100/0/P/2/208-480VAC	208 - 480 V	24.0 A
8176563	PMCprotego D.24/200/0/0/2/208-480VAC	208 - 480 V	24.0 A
8176573	PMCprotego D.24/200/0/P/2/208-480VAC	208 - 480 V	24.0 A
8176425	PMCprotego D.48/000/0/0/2/208-480VAC	208 - 480 V	48.0 A
8176426	PMCprotego D.72/000/0/0/2/208-480VAC	208 - 480 V	72.0 A
Accessories PMCprotego D		Type of general accessories	
8176300	PMCprotego D.CAN-Adapter 01-24A	Adapter	
8176470	PMCprotego D.CAN-Adapter 48-72A	Adapter	
8176473	Cable Power PROplug>ACplug1:L05mQ4,0BR SK	Connection cable	
8176474	Cable Power PROplug>ACplug1:L10mQ4,0BR SK	Connection cable	
8176475	Cable Power PROplug>ACplug1:L15mQ4,0BR SK	Connection cable	
8176476	Cable Power PROplug>ACplug1:L20mQ4,0BR SK	Connection cable	
8176674	PMCprotegoD 01-24 spare part plug set	Connector kit	
8177101	PMccable FD/D4B6/005/Q25/S1	Encoder cable	
8177102	PMccable FD/D4B6/010/Q25/S1	Encoder cable	
8177103	PMccable FD/D4B6/015/Q25/S1	Encoder cable	
8177104	PMccable FD/D4B6/020/Q25/S1	Encoder cable	

Drive technology

Servo drives

PMCprotego D - servo drives

Order number **Description**

Accessories PMCprotego D	Type of general accessories	
8177271	PMCcable FD/D4B8/005/Q25/S1	Encoder cable
8177221	PMCcable M2/C1B3/005/10Q/S1	Motor cable
8177201	PMCcable M2/C1B3/005/4Q0/S1	Motor cable
8177211	PMCcable M2/C1B3/005/6Q0/S1	Motor cable
8177202	PMCcable M2/C1B3/010/4Q0/S1	Motor cable
8177212	PMCcable M2/C1B3/010/6Q0/S1	Motor cable
8177203	PMCcable M2/C1B3/015/4Q0/S1	Motor cable
8177213	PMCcable M2/C1B3/015/6Q0/S1	Motor cable
8177204	PMCcable M2/C1B3/020/4Q0/S1	Motor cable
8177214	PMCcable M2/C1B3/020/6Q0/S1	Motor cable
8177151	PMCcable M2/C2B2/005/1Q5/S1	Motor cable
8177161	PMCcable M2/C2B2/005/2Q5/S1	Motor cable
8177171	PMCcable M2/C2B2/005/4Q0/S1	Motor cable
8177152	PMCcable M2/C2B2/010/1Q5/S1	Motor cable
8177162	PMCcable M2/C2B2/010/2Q5/S1	Motor cable
8177172	PMCcable M2/C2B2/010/4Q0/S1	Motor cable
8177153	PMCcable M2/C2B2/015/1Q5/S1	Motor cable
8177163	PMCcable M2/C2B2/015/2Q5/S1	Motor cable
8177173	PMCcable M2/C2B2/015/4Q0/S1	Motor cable
8177154	PMCcable M2/C2B2/020/1Q5/S1	Motor cable
8177164	PMCcable M2/C2B2/020/2Q5/S1	Motor cable
8177174	PMCcable M2/C2B2/020/4Q0/S1	Motor cable
8177181	PMCcable M2/C2B3/005/2Q5/S1	Motor cable
8177191	PMCcable M2/C2B3/005/4Q0/S1	Motor cable
8177182	PMCcable M2/C2B3/010/2Q5/S1	Motor cable
8177192	PMCcable M2/C2B3/010/4Q0/S1	Motor cable
8177183	PMCcable M2/C2B3/015/2Q5/S1	Motor cable
8177193	PMCcable M2/C2B3/015/4Q0/S1	Motor cable
8177184	PMCcable M2/C2B3/020/2Q5/S1	Motor cable
8177194	PMCcable M2/C2B3/020/4Q0/S1	Motor cable
8177251	PMCcable M2/C2B5/005/1Q0/S1	Motor cable
8176261	Cable Power PROplug>ACbox:L05MQ1,5BR SK	
8176262	Cable Power PROplug>ACbox:L15MQ1,5BR SK	
8176263	Cable Power PROplug>ACbox:L15MQ1,5BR SK	
8176264	Cable Power PROplug>ACbox:L20MQ1,5BR SK	
8176268	Cable Power PROplug>ACplug1:L05MQ1,5BR SK	
8176269	Cable Power PROplug>ACplug1:L10MQ1,5BR SK	
8176270	Cable Power PROplug>ACplug1:L15MQ1,5BR SK	
8176271	Cable Power PROplug>ACplug1:L20MQ1,5BR SK	
8176278	PMC Expansion Card PosI/O	
8176330	PMCprotego motor connector kit	
8176372	Brake resistor 600W/33R/T/U	
8176332	Brake resistor 600W/23R/T/U	
8176374	Brake resistor 1600W/33R/T/U	

Drive technology

Servo drives

PMCprotego D - servo drives

Order number **Description**

Accessories PMCprotego D

Type of general accessories

8176334 Brake resistor 1600W/23R/T/U
8176108 PMC Expansion Card PosI/O-AO
8177222 PMCcable M2/C1B3/010/10Q/S1
8177223 PMCcable M2/C1B3/015/10Q/S1
8177224 PMCcable M2/C1B3/020/10Q/S1

Drive technology

Servo drives

PMCprotego - safe motion

**Order
number** **Description**

PMCprotego S safety card	Variante
680008	PMCprotego S1-2-C 1-2Gen = Base +SIL3 +EncoderBR
680004	PMCprotego S1-2 1-2Gen = Base +SIL3 +EncoderBR
680000	PMCprotego S1 1 = Base +SIL3 +ext. EncoderBr
680009	PMCprotego S2-2-C 2-2Gen = Base +SIL2
680006	PMCprotego S2-2 2-2Gen = Base +SIL2
680002	PMCprotego S2 2 = Base +SIL2

Drive technology

Motors

PM Ctendo - servo motors

Order number	Description		
		Rated load torque	Motor feedback
8177039	PM Ctendo SZ.31/0/1/2/7/K/H/30/00		
8177023	PM Ctendo SZ.31/0/1/2/7/K/H/60/00	0.89 Nm	Endat2.2 inductive single-turn
8177042	PM Ctendo SZ.31/0/2/2/7/K/H/60/00		
8177038	PM Ctendo SZ.31/1/1/2/7/K/H/30/00		
8177041	PM Ctendo SZ.32/0/2/2/7/K/H/30/00		
8177001	PM Ctendo SZ.41/0/1/2/7/K/H/30/00	2.80 Nm	Endat2.2 inductive single-turn
8177000	PM Ctendo SZ.41/0/1/2/7/K/H/60/00	2.30 Nm	Endat2.2 inductive single-turn
8177028	PM Ctendo SZ.41/0/2/2/7/K/H/60/00	2.30 Nm	Endat2.2 optical multi-turn
8177044	PM Ctendo SZ.41/1/1/2/7/K/H/30/00		
8177029	PM Ctendo SZ.41/1/2/2/7/K/H/60/00	2.30 Nm	Endat2.2 optical multi-turn
8177036	PM Ctendo SZ.42/0/1/2/7/K/H/60/00	3.50 Nm	Endat2.2 inductive single-turn
8177007	PM Ctendo SZ.42/1/1/2/7/K/H/30/00	4.70 Nm	Endat2.2 inductive single-turn
8177009	PM Ctendo SZ.44/0/1/2/7/K/H/30/00	6.90 Nm	Endat2.2 inductive single-turn
8177002	PM Ctendo SZ.51/0/1/2/7/K/H/30/00	4.30 Nm	Endat2.2 inductive single-turn
8177034	PM Ctendo SZ.51/0/1/2/7/K/H/60/00	3.40 Nm	Endat2.2 inductive single-turn
8177019	PM Ctendo SZ.51/0/2/2/7/K/H/30/00	4.30 Nm	Endat2.2 optical multi-turn
8177032	PM Ctendo SZ.51/0/2/2/7/K/H/60/00	3.40 Nm	Endat2.2 optical multi-turn
8177022	PM Ctendo SZ.51/1/1/2/7/K/H/60/00	3.40 Nm	Endat2.2 inductive single-turn
8177031	PM Ctendo SZ.51/1/2/2/7/K/H/60/00	3.40 Nm	Endat2.2 optical multi-turn
8177017	PM Ctendo SZ.52/0/1/2/7/K/H/30/00	7.40 Nm	Endat2.2 inductive single-turn
8177010	PM Ctendo SZ.52/1/1/2/7/K/H/30/00	7.40 Nm	Endat2.2 inductive single-turn
8177020	PM Ctendo SZ.53/0/1/2/7/K/H/30/00	9.70 Nm	Endat2.2 inductive single-turn
8177021	PM Ctendo SZ.53/0/1/2/7/K/H/60/00	6.20 Nm	Endat2.2 inductive single-turn
8177033	PM Ctendo SZ.55/0/1/2/7/F/H/30/00	20.20 Nm	Endat2.2 inductive single-turn
8177043	PM Ctendo SZ.55/0/1/2/7/K/H/30/00		
8177030	PM Ctendo SZ.55/0/2/2/7/F/H/30/00	20.20 Nm	Endat2.2 optical multi-turn
8177012	PM Ctendo SZ.55/0/2/2/7/K/H/45/00	9.50 Nm	Endat2.2 optical multi-turn
8177004	PM Ctendo SZ.55/1/1/2/7/F/H/30/00	13.50 Nm	Endat2.2 inductive single-turn
8177003	PM Ctendo SZ.71/0/1/2/7/K/H/30/00	7.40 Nm	Endat2.2 inductive single-turn
8177014	PM Ctendo SZ.72/0/1/2/7/K/H/60/00	7.20 Nm	Endat2.2 inductive single-turn
8177018	PM Ctendo SZ.73/0/1/2/7/F/H/30/00	24.00 Nm	Endat2.2 inductive single-turn
8177025	PM Ctendo SZ.73/0/1/2/7/K/H/30/00	16.50 Nm	Endat2.2 inductive single-turn

Drive technology

Motors

PM Ctendo - servo motors

Order number	Description		
PM Ctendo SZ		Rated load torque	Motor feedback
8177015	PM Ctendo SZ.73/0/1/2/7/K/H/45/00	12.10 Nm	Endat2.2 inductive single-turn
8177035	PM Ctendo SZ.73/1/1/2/7/F/H/30/00	24.00 Nm	Endat2.2 inductive single-turn
8177037	PM Ctendo SZ.73/1/2/2/7/K/H/45/00	12.10 Nm	Endat2.2 optical multi-turn
8177016	PM Ctendo SZ.75/0/1/2/7/K/H/30/00	21.30 Nm	Endat2.2 inductive single-turn
8177005	PM Ctendo SZ.75/0/1/2/7/W/H/30/00	30.30 Nm	Endat2.2 inductive single-turn
8177026	PM Ctendo SZ.75/0/2/2/7/F/H/30/00	33.80 Nm	Endat2.2 optical multi-turn
8177027	PM Ctendo SZ.75/2/1/2/7/F/H/45/00	27.70 Nm	Endat2.2 optical multi-turn
8177024	PM Ctendo SZ.85/0/1/2/7/K/H/20/00	43.70 Nm	Endat2.2 inductive single-turn
8177040	PM Ctendo SZ.85/2/2/2/7/K/H/20/00		
PM Ctendo AC		Rated load torque	Motor feedback
8172291	PM Ctendo AC1.A4/0/L/1/2/5/H/2	21.80 Nm	Hiperface single-turn
8176248	PM Ctendo AC1.A4/0/L/1/2/5/H/3	20.90 Nm	Hiperface single-turn
8175965	PM Ctendo AC1.A4/0/M/1/1/4/H/3	20.90 Nm	Hiperface multi-turn
8176088	PM Ctendo AC1.A5/0/5/1/1/4/H/3	26.20 Nm	Resolver 2-pole
8176358	PM Ctendo AC1.A5/0/L/1/6/6/H/3	26.20 Nm	Hiperface single-turn
8176508	PM Ctendo AC1.A5/0/L/2/7/5/H/2	27.30 Nm	Hiperface single-turn
8176074	PM Ctendo AC1.A7/1/5/1/2/5/H/2	39.10 Nm	Resolver 2-pole
8176502	PM Ctendo AC1.A7/1/5/2/6/6/H/3	37.00 Nm	Resolver 2-pole
8176216	PM Ctendo AC1.A9/1/5/1/2/6/H/2	49.10 Nm	Resolver 2-pole
8176256	PM Ctendo AC1.A9/1/5/1/2/6/H/3	47.00 Nm	Resolver 2-pole
8176434	PM Ctendo AC1.B2/0/5/1/6/6/H/3	48.40 Nm	Resolver 2-pole
8176310	PM Ctendo AC1.B2/0/L/1/6/6/H/3	48.40 Nm	Hiperface single-turn
8176362	PM Ctendo AC1.B4/1/5/1/6/5/H/A	94.00 Nm	Resolver 2-pole
8176134	PM Ctendo AC2.53/0/5/1/1/4/H/3	2.60 Nm	Resolver 2-pole
8176448	PM Ctendo AC2.53/0/M/1/7/5/H/3	2.60 Nm	Hiperface multi-turn
8176220	PM Ctendo AC2.53/1/5/1/1/4/H/3	2.60 Nm	Resolver 2-pole
8176314	PM Ctendo AC2.53/1/5/1/6/6/H/3	2.60 Nm	Resolver 2-pole
8176654	PM Ctendo AC2.53/1/M/1/7/6/H/3	2.60 Nm	Hiperface multi-turn
8176356	PM Ctendo AC2.54/0/5/1/1/4/H/3	3.40 Nm	Resolver 2-pole
8176368	PM Ctendo AC2.54/0/L/1/1/4/H/3	3.40 Nm	Hiperface single-turn
8176008	PM Ctendo AC2.62/0/5/1/1/4/H/3	3.60 Nm	Resolver 2-pole
1105762	PM Ctendo AC2.62/0/5/1/2/5/H/3	3.60 Nm	Resolver 2-pole
1106249	PM Ctendo AC2.62/0/L/1/2/5/H/3	3.60 Nm	Hiperface single-turn
8174175	PM Ctendo AC2.62/0/L/1/2/5/H/6	3.20 Nm	Hiperface single-turn
8176049	PM Ctendo AC2.62/0/M/1/1/4/H/3	3.60 Nm	Hiperface multi-turn
8176010	PM Ctendo AC2.62/1/5/1/1/4/H/3	3.60 Nm	Resolver 2-pole
8162702	PM Ctendo AC2.62/1/5/1/2/5/H/3	3.60 Nm	Resolver 2-pole
8176012	PM Ctendo AC2.62/1/M/1/1/4/H/3	3.60 Nm	Hiperface multi-turn
1106187	PM Ctendo AC2.62/1/M/1/2/5/H/3	3.60 Nm	Hiperface multi-turn
8176320	PM Ctendo AC2.62/1/M/2/6/6/H/3	3.60 Nm	Hiperface multi-turn

Drive technology

Motors

PM Ctendo - servo motors

Order number	Description		
		Rated load torque	Motor feedback
8172877	PM Ctendo AC2.63/0/5/1/2/5/H/3	5.40 Nm	Resolver 2-pole
8166265	PM Ctendo AC2.63/0/5/1/2/5/H/6	4.80 Nm	Resolver 2-pole
8176047	PM Ctendo AC2.63/0/5/1/6/6/H/3	5.40 Nm	Resolver 2-pole
1106259	PM Ctendo AC2.63/0/L/1/2/5/H/3	5.40 Nm	Hiperface single-turn
1106255	PM Ctendo AC2.63/1/M/1/2/5/H/3	5.40 Nm	Hiperface multi-turn
8176014	PM Ctendo AC2.64/0/5/1/1/4/H/3	7.20 Nm	Resolver 2-pole
8176430	PM Ctendo AC2.64/0/5/1/1/4/H/6	6.40 Nm	Resolver 2-pole
8176232	PM Ctendo AC2.64/0/5/1/6/6/H/3	7.20 Nm	Resolver 2-pole
8176460	PM Ctendo AC2.64/0/5/1/7/5/H/6	6.40 Nm	Resolver 2-pole
8176086	PM Ctendo AC2.64/0/L/1/2/5/H/4	7.20 Nm	Hiperface single-turn
8176016	PM Ctendo AC2.64/0/M/1/1/4/H/3	7.20 Nm	Hiperface multi-turn
8176018	PM Ctendo AC2.64/1/5/1/1/4/H/3	7.20 Nm	Resolver 2-pole
1106237	PM Ctendo AC2.64/1/5/1/2/5/H/3	7.20 Nm	Resolver 2-pole
1106264	PM Ctendo AC2.65/0/5/1/2/5/H/3	9.00 Nm	Resolver 2-pole
1106360	PM Ctendo AC2.65/0/L/1/2/5/H/3	9.00 Nm	Hiperface single-turn
8176218	PM Ctendo AC2.65/1/5/1/1/4/H/3	9.00 Nm	Resolver 2-pole
8176032	PM Ctendo AC2.65/1/M/1/1/4/H/3	9.00 Nm	Hiperface multi-turn
8176316	PM Ctendo AC2.65/1/M/1/6/6/H/3	9.00 Nm	Hiperface multi-turn
1106435	PM Ctendo AC2.72/0/5/1/2/5/H/3	7.00 Nm	Resolver 2-pole
8175973	PM Ctendo AC2.72/0/M/1/1/4/H/3	7.00 Nm	Hiperface multi-turn
8176020	PM Ctendo AC2.73/0/5/1/1/4/H/3	10.50 Nm	Resolver 2-pole
1106238	PM Ctendo AC2.73/0/5/1/2/5/H/3	10.50 Nm	Resolver 2-pole
8176022	PM Ctendo AC2.73/1/5/1/1/4/H/3	10.50 Nm	Resolver 2-pole
1106257	PM Ctendo AC2.73/1/5/1/2/5/H/3	10.50 Nm	Resolver 2-pole
8164979	PM Ctendo AC2.73/1/5/1/2/6/H/3	10.50 Nm	Resolver 2-pole
8176158	PM Ctendo AC2.73/1/M/1/1/4/H/3	10.50 Nm	Hiperface multi-turn
1106244	PM Ctendo AC2.73/1/M/1/2/5/H/4	9.00 Nm	Hiperface multi-turn
1106099	PM Ctendo AC2.74/0/5/1/1/4/H/2	14.00 Nm	Resolver 2-pole
8176024	PM Ctendo AC2.74/0/5/1/1/4/H/3	14.00 Nm	Resolver 2-pole
8176462	PM Ctendo AC2.74/0/5/1/7/5/H/4	12.00 Nm	Resolver 2-pole
8172289	PM Ctendo AC2.74/0/L/1/2/5/H/4	12.00 Nm	Hiperface single-turn
8175933	PM Ctendo AC2.74/0/L/1/2/6/H/4	12.00 Nm	Hiperface single-turn
1106436	PM Ctendo AC2.74/0/M/1/2/5/H/3	14.00 Nm	Hiperface multi-turn
8176026	PM Ctendo AC2.74/1/5/1/1/4/H/3	14.00 Nm	Resolver 2-pole
8163942	PM Ctendo AC2.74/1/5/1/2/5/H/3	14.00 Nm	Resolver 2-pole
8176456	PM Ctendo AC2.74/1/M/1/7/5/H/3	14.00 Nm	Hiperface multi-turn
1106361	PM Ctendo AC2.75/0/L/1/2/5/H/3	17.50 Nm	Hiperface single-turn
8176410	PM Ctendo AC2.75/0/L/1/2/6/H/3	17.50 Nm	Hiperface single-turn
8176494	PM Ctendo AC2.75/0/L/1/7/5/H/4	15.00 Nm	Hiperface single-turn
1106442	PM Ctendo AC2.75/0/M/1/2/5/H/3	17.50 Nm	Hiperface multi-turn
8163933	PM Ctendo AC2.75/1/5/1/2/5/H/4	15.00 Nm	Resolver 2-pole
8176040	PM Ctendo AC2.75/1/M/1/1/4/H/4	15.00 Nm	Hiperface multi-turn
8176028	PM Ctendo AC2.76/0/5/1/1/4/H/3	21.00 Nm	Resolver 2-pole
8162706	PM Ctendo AC2.76/0/5/1/2/5/H/3	21.00 Nm	Resolver 2-pole
8176354	PM Ctendo AC2.76/0/L/1/1/4/H/3	21.00 Nm	Hiperface single-turn

Drive technology

Motors

PMctendo - servo motors

Order number	Description		
PMctendo AC		Rated load torque	Motor feedback
8176184	PMctendo AC2.76/0/L/1/6/5/H/2	21.00 Nm	Hiperface single-turn
8176212	PMctendo AC2.77/0/M/1/1/4/H/3	24.50 Nm	Hiperface multi-turn
8176699	PMctendo AC3.24/1/5/1/7/5/H/6	0.64 Nm	Resolver 2-pole
8176472	PMctendo AC3.24/1/M/1/7/5/H/6	0.64 Nm	Hiperface multi-turn
8173780	PMctendo AC3.31/0/5/1/1/4/H/6	0.50 Nm	Resolver 2-pole
8175915	PMctendo AC3.31/0/L/1/1/4/H/3	0.55 Nm	Hiperface single-turn
8173067	PMctendo AC3.31/0/M/1/1/4/H/6	0.50 Nm	Hiperface multi-turn
8174383	PMctendo AC3.32/0/5/1/1/4/H/3	1.10 Nm	Resolver 2-pole
8173776	PMctendo AC3.32/0/5/1/1/4/H/6	1.00 Nm	Resolver 2-pole
8176394	PMctendo AC3.32/0/5/1/7/6/H/6	1.00 Nm	Resolver 2-pole
8175148	PMctendo AC3.32/0/L/1/1/4/H/6	1.00 Nm	Hiperface single-turn
8173778	PMctendo AC3.32/0/M/1/1/4/H/6	1.00 Nm	Hiperface multi-turn
8176324	PMctendo AC3.32/0/M/2/6/5/H/6	1.00 Nm	Hiperface multi-turn
8176326	PMctendo AC3.32/0/M/2/6/6/H/6	1.00 Nm	Hiperface multi-turn
8176144	PMctendo AC3.32/1/5/1/1/4/H/6	1.00 Nm	Resolver 2-pole
8176090	PMctendo AC3.32/1/M/1/1/4/H/6	1.00 Nm	Hiperface multi-turn
8175962	PMCTENDO AC3.33/0/M/1/1/4/H/3	1.65 Nm	Hiperface multi-turn
8173908	PMctendo AC3.34/0/5/1/1/4/H/3	2.20 Nm	Resolver 2-pole
8164784	PMctendo AC3.34/0/L/1/1/4/H/6	2.00 Nm	Hiperface single-turn
8175938	PMctendo AC3.34/0/L/1/6/5/H/3	2.20 Nm	Hiperface single-turn
8176652	PMctendo AC3.34/0/L/1/6/5/H/6	2.00 Nm	Hiperface single-turn
8176696	PMctendo AC3.34/0/L/2/6/5/H/6	2.00 Nm	Hiperface single-turn
8176030	PMctendo AC3.34/0/M/1/1/4/H/3	2.20 Nm	Hiperface multi-turn
8176412	PMctendo AC3.34/1/L/1/1/4/H/6	2.00 Nm	Hiperface single-turn
8162295	PMctendo AC3.35/0/5/1/1/4/H/3	2.75 Nm	Resolver 2-pole
8176428	PMctendo AC3.35/0/5/1/1/4/H/6	2.50 Nm	Resolver 2-pole
8176464	PMctendo AC3.35/0/M/2/7/5/H/3	2.75 Nm	Hiperface multi-turn
8176174	PMctendo AC3.35/1/5/1/1/4/H/3	2.75 Nm	Resolver 2-pole
8176318	PMctendo AC3.35/1/5/1/6/6/H/3	2.75 Nm	Resolver 2-pole
8175992	PMctendo AC4.62/0/5/1/1/4/H/3	3.00 Nm	Resolver 2-pole
8174229	PMctendo AC4.62/0/5/1/6/6/H/3	3.00 Nm	Resolver 2-pole
8176308	PMctendo AC4.62/1/M/2/6/6/H/3	3.00 Nm	Hiperface multi-turn
8176438	PMctendo AC4.62/1/M/2/6/6/H/D	2.40 Nm	Hiperface multi-turn
8176432	PMctendo AC4.63/0/5/1/6/5/H/3	4.50 Nm	Resolver 2-pole
8176066	PMctendo AC4.63/0/L/1/6/5/H/3	4.50 Nm	Hiperface single-turn
8176692	PMctendo AC4.63/0/L/2/6/5/H/3	4.50 Nm	Hiperface single-turn
8176390	PMctendo AC4.64/0/L/1/6/5/H/3	6.00 Nm	Hiperface single-turn
8176446	PMctendo AC4.64/0/L/1/7/5/H/6	3.30 Nm	Hiperface single-turn
8176694	PMctendo AC4.64/0/L/2/6/5/H/3	6.00 Nm	Hiperface single-turn
8176684	PMctendo AC4.64/0/L/2/7/5/H/6	3.30 Nm	Hiperface single-turn
8176458	PMctendo AC4.64/1/M/2/7/5/H/3	6.00 Nm	Hiperface multi-turn
8176190	PMctendo AC4.65/0/L/1/6/5/H/3	7.50 Nm	Hiperface single-turn
8176670	PMctendo AC4.65/0/L/2/7/6/H/3	7.50 Nm	Hiperface single-turn
8176254	PMctendo AC4.65/0/M/1/6/6/H/6	4.20 Nm	Hiperface multi-turn

Drive technology

Motors

PM Ctendo - servo motors

Order number Description

PM Ctendo AC	Rated load torque	Motor feedback
8176234 PM Ctendo AC4.75/0/L/1/6/5/H/2	7.50 Nm	Hiperface single-turn
8176774 PM Ctendo AC4.75/0/L/2/6/5/H/2	7.50 Nm	Hiperface single-turn

Operator and visualisation systems

Control and signal devices

PITestop - emergency stop pushbuttons

Order number	Description		
PITestop - sets		Printing symbol	Actuator
400430	PIT es Set1s-1	Pilz logo and E-STOP symbol	Pushbutton
400431	PIT es Set1s-1c	Pilz logo and E-STOP symbol	Pushbutton
400447	PIT es Set1s-5 s	Pilz logo and E-STOP symbol	Pushbutton
400432	PIT es Set1s-5	Pilz logo and E-STOP symbol	Pushbutton
400433	PIT es Set1s-5c	Pilz logo and E-STOP symbol	Pushbutton
400448	PIT es Set1s-5cs	Pilz logo and E-STOP symbol	Pushbutton
400453	PIT es Set1s-5ns	Pilz logo and E-STOP symbol	Pushbutton
400452	PIT es Set1s-6 s	Pilz logo and E-STOP symbol	Pushbutton
400445	PIT es Set1s-6	Pilz logo and E-STOP symbol	Pushbutton
400446	PIT es Set1s-6c	Pilz logo and E-STOP symbol	Pushbutton
400434	PIT es Set2s-5	Pilz logo and E-STOP symbol	Pushbutton
400435	PIT es Set2s-5c	Pilz logo and E-STOP symbol	Pushbutton
400449	PIT es Set3s-5 s	Pilz logo and E-STOP symbol	Pushbutton
400436	PIT es Set3s-5	Pilz logo and E-STOP symbol	Pushbutton
400437	PIT es Set3s-5c	Pilz logo and E-STOP symbol	Pushbutton
400454	PIT es Set3s-5ns	Pilz logo and E-STOP symbol	Pushbutton
400450	PIT es Set5s-5 s	Pilz logo and E-STOP symbol	Pushbutton
400438	PIT es Set5s-5	Pilz logo and E-STOP symbol	Pushbutton
400439	PIT es Set5s-5c	Pilz logo and E-STOP symbol	Pushbutton
400620	PIT es Set6.1: es6.10 / 2n/c	None	Pushbutton
400451	PIT es Set6u-5 cr		Pushbutton
400455	PIT es Set6u-5nr		Pushbutton
400441	PIT es Set7u-5		Pushbutton
400442	PIT es Set7u-5c		Pushbutton
400443	PIT es Set8s-5	Pilz logo and E-STOP symbol	Key switch
400444	PIT es Set8s-5c	Pilz logo and E-STOP symbol	Key switch
400458	PIT es Set9u-5		
400459	PIT es Set9u-5c		
400457	PIT es Set9u-7	None	Pushbutton
400510	SET3.1: PIT es3.1 / 2 n/c	None	Pushbutton

Operator and visualisation systems

Control and signal devices

PITestop - emergency stop pushbuttons

Order number	Description		
PITestop - sets		Printing symbol	Actuator
400511	SET3.2: PIT es3.1 / 2 n/c 1 n/o	None	Pushbutton
400520	SET4.1: PIT es3.1 / box / 2 n/c	None	Pushbutton
400521	SET4.2: PIT es3.1 / box / 2 n/c 1 n/o	None	Pushbutton
PITestop - actuators		Printing symbol	Actuator
400110	PIT es1.11 operator black	Pilz logo	Pushbutton
400131	PIT es1s	Pilz logo and E-STOP symbol	Pushbutton
400531	PIT es1u	Marker	Pushbutton
400111	PIT es2.12 key-operator black	None	Key switch
400112	PIT es2.13 operator illuminated black	Pilz logo	Pushbutton
400132	PIT es2s	Pilz logo and E-STOP symbol	Pushbutton
400532	PIT es2u		Pushbutton
400143	PIT es3s-c	Pilz logo and E-STOP symbol	Pushbutton
400133	PIT es3s	Pilz logo and E-STOP symbol	Pushbutton
400543	PIT es3u-c		Pushbutton
400533	PIT es3u		Pushbutton
400134	PIT es4s	Pilz logo and E-STOP symbol	Pushbutton
400534	PIT es4u		Pushbutton
400601	PIT es5.12 key operator protect	None	Key switch
400135	PIT es5s	Pilz logo and E-STOP symbol	Pushbutton
400535	PIT es5u		Pushbutton
400610	PIT es6.10 operator red	None	Pushbutton
400537	PIT es7u	Marker	Pushbutton
400138	PIT es8s	Pilz logo and E-STOP symbol	Key switch
400538	PIT es8u		Key switch
PITestop - contact blocks		Self-monitored	Terminal type
400360	PIT esb 6.10 contact block 2n/c	No	Screw terminal
400305	PIT esb1.1 safe contact block 1 n/c	Yes	Screw terminal
400301	PIT esb1.2 safe contact block 2 n/c	Yes	Screw terminal
400304	PIT esb1.3 safe contact block 2n/c 1n/c	Yes	Screw terminal
400307	PIT esb1.4 safe contact block 1 n/c 1 n/	Yes	Screw terminal
400300	PIT esb2.1 contact block 1 n/c	No	Screw terminal
400302	PIT esb2.2 contact block 2 n/c	No	Screw terminal
400303	PIT esb2.3 contact block 2 n/c 1n/o	No	Screw terminal
400306	PIT esb2.4 contact block 1 n/c 1 n/o	No	Screw terminal
400366	PIT esb6.16 safe contact block 1n/c 1n/o	Yes	Flat connector
400315	PIT esc1 safe contact block 1 n/c	Yes	Screw terminal

Operator and visualisation systems

Control and signal devices

PITestop - emergency stop pushbuttons

Order number **Description**

PITestop - contact blocks		Self-monitored	Terminal type
400316	PIT esc1c	Yes	Spring-loaded terminal
400320	PIT esc2 contact block 1 n/c	No	Screw terminal
400321	PIT esc2c	No	Spring-loaded terminal
400310	PIT esc3 contact block 1 n/o	No	Screw terminal
400311	PIT esc3c	No	Spring-loaded terminal
400324	PIT esc4	No	Screw terminal
400308	PIT esc6c 2n/c 1n/o	Yes	Spring-loaded terminal
400309	PIT esc8c 1n/c 1n/o	No	Spring-loaded terminal

Accessories PITestop

- 400335 PIT es backplate language
- 400334 PIT es backplate symbol
- 400200 PIT es box 72 x 72 x 61 mm
- 400331 PIT es holder3c
- 400330 PIT esh3 holder for 3 contact blocks
- 400340 PIT esh5 holder for 5 contact blocks

Operator and visualisation systems

Control and signal devices

PITsign - muting lamps

Order number **Description**

PITsign		Self-monitored	Lamp
620010	PIT si 1.1 muting lamp	No	Bulb
620020	PIT si 1.2 muting lamp self monitoring	Yes	Bulb
581190	PIT si 3.1	No	LED
620015	PIT si2.1 LED muting lamp	No	LED

Accessories PITsign

620080 PITsign 5W replacement bulb
620100 PITsign replacement bulb

Operator and visualisation systems

Control and signal devices

PITjog - jog switch

Order number	Description
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PITjog

401100	PIT js2
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Accessories PITjog

401200	PIT js holder
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Operator and visualisation systems

Control and signal devices

PITenable - enabling switch

Order number	Description
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PITenable

401111	PIT en1.0a-5m-s
401110	PIT en1.0p-5m-s
401112	PIT en1.1a-5m-s

Accessories PITenable

401201	PIT en1.0 holder
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Operator and visualisation systems

Control and signal devices

PITmode - operating mode selector switch

Order number	Description
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PITmode

402211	PIT m3 key mode 1
402212	PIT m3 key mode 2
402213	PIT m3 key mode 3
402214	PIT m3 key mode 4
402215	PIT m3 key service
402220	PIT m3.1p
402231	PIT m3.2p machine tools pictogram
402303	PIT m3.2p screw terminal set angled
402305	PIT m3.2p screw terminal set
402302	PIT m3.2p terminal set spring load
402230	PIT m3.2p
402241	PIT m3.3p machine tools pictogram
402240	PIT m3.3p
402301	PIT m3p terminal set spring load

Operator terminals

PMImicro - diagnostic units

Order number	Description
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PMImicro diag	Display diagonal	Display type
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260000	PMI m107 diag	2.8 Zoll	STN
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Operator terminals

PMI - operator terminals

Order number **Description**

PMI as open hardware platform	Display diagonal	Display type
264509	3.5 Zoll	TFT
264515	5.7 Zoll	TFT
264516	6.5 Zoll	TFT
264518	7.0 Zoll	TFT
264526	10.4 Zoll	TFT
264531	12.1 Zoll	TFT
264538	15.0 Zoll	TFT

Operator and visualisation systems

Operator terminals

Accessories

Order number **Description**

Accessories PMI

Type of general accessories

269700	power connector PMI (3 pcs)	Connector kit
310396	Mounting Kit PMIvisu,PMIopen,PMImicro	Fastening element
310386	CompactFlash Karte min. 64MB	Memory card
310300	Serial programming cable	Programming cable
269701	seal for PMIvisu, PMIopen, PMImicro	Seal
263500	Support PMI 4th Generation	

Software

Product and system tools

PNOZmulti Tools

Order number	Description
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PNOZmulti Configurator

773000D	PNOZmulti Configurator Demo
773000	PNOZmulti Configurator SW+Manual

PNOZmulti Configurator Licence

773010B	Basic License for PNOZmulti Config.
773011B	Basic License for PNOZmulti Service
773010U	Basic Upgr License for PNOZmulti Config
773011U	Basic Upgr License for PNOZmulti Service
773010L	Lite License for PNOZmulti Config.
773011L	Lite License for PNOZmulti Service
773010G	Project License for PNOZmulti Config
773011G	Project License for PNOZmulti Service
773010W	Project Upgr License f. PNOZmulti Config
773011W	Project Upgr License for PNOZmulti Serv
773010S	Time lim License 2Mth for PNOZmulti Conf
773010R	Time lim License 3Mth for PNOZmulti Conf
773010Q	Time lim License 4Mth for PNOZmulti Conf
773010K	User License for PNOZmulti Config
773011K	User License for PNOZmulti Service
773010V	User Upgr License for PNOZmulti Config
773011V	User Upgr License for PNOZmulti Service

Product and system tools

SafetyEYE Tools

Order number	Description
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SafetyEYE Configurator

581250	SafetyEYE Configurator CD + Handbook
581250D	SafetyEYE Configurator CD

Product and system tools

PSS Tools

Order number	Description
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PSS WIN-PRO

301200K PSS SW DEM SYSTEMSOFTW. (Copylicense)
301200G PSS SW DEM SYSTEMSOFTW. 1 x Userlicense
301291 PSS WIN-PRO Software + Manual GB
301290D PSS WIN-PRO Software

PSS WIN-PRO Licence

301288B Basic License for PSS WIN-PRO Full
301289B Basic License for PSS WIN-PRO Service
301290G PSS WIN-PRO Project License
301290K PSS WIN-PRO User License
301288K User License for PSS WIN-PRO Full
301289K User License for PSS WIN-PRO Service

Product and system tools

PSSu Tools

Order number	Description
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PSSu Assistant

312890	PSSu Assistant & Startup tool CD-ROM
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PSSu Assistant Licence

312890B	Basic Licence PSSu Startup Tool Full
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312890K	User License PSSu Startup Tool Full
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Product and system tools

PAS4000

Order number	Description
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PAS4000 Licence

317940	PASunits 10000
317920	PASunits 1000
317930	PASunits 5000
317910	PASunits 500

Accessories PAS4000

317999	PASkey
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Product and system tools

PMC Tools

Order number	Description
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PMC Tools

1802959	PMCmotion control tools
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Product and system tools

PMI Tools

Order number	Description
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PMI Tools

261910	PSS Upload-/Downloadtool f. PMIvisu/open
265010	Zenon Operator Dev 1024
265210	Zenon Operator RT PMI

PMI Tools Licence

265211	Zenon Operator RT PC 1024
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Product and system tools

PVIS Tools

Order number	Description
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PVIS Tools

261904 PVIS OPC Tools CD-ROM

PVIS Licence

261907G Project-Licence PVIS OPC-Srv f. PC, PtoP
261908G Project-Licence PVIS OPC-Srv f. PC, unli
261906G Project-Licence PVIS OPC-Srv f.PMI, 8 Co
261905G Project-Licence PVIS OPC-Srv f.PMI, PtoP
261908 RT-Licence PVIS OPC-Srv f. PC, multiple
261907 RT-Licence PVIS OPC-Srv f. PC, PtoP
261906 RT-Licence PVIS OPC-Srv f.PMI, 8 devices
261905 RT-Licence PVIS OPC-Srv f.PMI, PtoP

Product and system tools

Product macros

Order number	Description
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Macros

301997	Pilz ECAD Macros
301996	Pilz Service-CD PNOZ / PMD / PSEN
301995	Pilz Service-CD PSS / SafetyBUS p

Software

Application software

PSS 3000 function blocks

Order number **Description**

PSS 3000 - function blocks functional safety

301180K PSS SB AI Copy license
301180G PSS SB AI General license
301183B PSS SB AI2, Basic license
301183K PSS SB AI2, copy license
301183G PSS SB AI2, General license
301188B PSS SB AKAS, Basic license
301188U PSS SB AKAS, Update license
301188K PSS SB AKAS, Copy license
301172B PSS SB EXZ2, Basic license
301172K PSS SB EXZ2, Copy license
301172G PSS SB EXZ2, General license
301172U PSS SB EXZ2, Update license
301181B PSS SB FT, Basic license
301181K PSS SB FT, Copy license
301181G PSS SB FT, General license
301177B PSS SB GTL, Basic license
301177K PSS SB GTL, Copy license
301177G PSS SB GTL, General license
301173B PSS SB HYD, Basic license
301173K PSS SB HYD, Copy license
301173G PSS SB HYD, General license
301173U PSS SB HYD, Update license
301176B PSS SB NOT, Basic license
301176K PSS SB NOT, Copy license
301176G PSS SB NOT, general license
301176U PSS SB NOT, Update license
301187B PSS SB Regler, Basic license
301187K PSS SB Regler, Copy license
301189B PSS SB SENSOR, Basic license
301193B PSS SB sETH
301175B PSS SB TRA, Basic License
301175K PSS SB TRA, Copy license
301175G PSS SB TRA, General license
301175U PSS SB TRA, Update license
301184K PSS SB VStopp , Copy license
301184B PSS SB VStopp, Basic license

PSS 3000 - function blocks standard control functions **Product version**

301267K ST SB Beckhoff (Copylicense) 1.0
301267B ST SB Beckhoff (for 49 Userlicense) 1.0
301267G ST SB Beckhoff (Generallicense) 1.0
301266B ST SB CANopen, SW paket communication 1.0
301266G ST SB CANopen, SW paket communication 1.0
301266K ST SB CANopen, SW paket communication 1.0

Software

Application software

PSS 3000 function blocks

Order number **Description**

PSS 3000 - function blocks standard control functions	Product version
301273K ST SB ControlNET (Copylicense)	2.3
301268B ST SB ControlNET, SW paket communication	1.0
301268G ST SB ControlNET, SW paket communication	1.0
301268K ST SB ControlNET, SW paket communication	1.0
301262B ST SB DN-S, SW DeviceNet slave comm.	1.2
301262G ST SB DN-S, SW DeviceNet slave comm.	1.2
301262K ST SB DN-S, SW DeviceNet slave comm.	1.2
301259B ST SB DP S, SW paket PROFIBUS-DP	1.4
301259G ST SB DP S, SW paket PROFIBUS-DP	1.4
301259K ST SB DP S, SW paket PROFIBUS-DP	1.4
301273B ST SB Ethernet, SW paket communication	2.3
301271K ST SB FE PIT (Copylicense)	2.0
301265G ST SB FE PIT (Generallicense)	2.0
301276B ST SB FE S7 (for 49 Userlicense)	1.0
301253B ST SB IBS S, SW paket Interbus comm.	2.0
301253G ST SB IBS S, SW paket Interbus comm.	2.0
301253K ST SB IBS S, SW paket Interbus comm.	2.0
301263B ST SB Mod RTU-S, SW paket MODBUS	1.1
301263G ST SB Mod RTU-S, SW paket MODBUS	1.1
301263K ST SB Mod RTU-S, SW paket MODBUS	1.1
301278B ST SB PSS-CNC Cyb, SW paket CNC Cybelec	1.0
301260B ST SB RK512P, SW paket driver RK512 pas	1.2
301260G ST SB RK512P, SW paket driver RK512 pas	1.2
301260K ST SB RK512P, SW paket driver RK512 pas	1.2
301279B ST SB SER, SW paket serial communication	1.0
301281B ST-SB-CANopen Master Software-Block Driv	1.0

Software

Product-independent Tools

PAScal Safety Calculator

Order number	Description
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PAScal Safety Calculator

850050D PAScal Software CD

PAScal Licence

850050B Basic License for PAScal

850050M Multiuser Licence for PAScal


850050K User License for PAScal

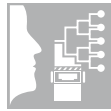
Your projects belong in safe hands



The prices of our services depend on the size and scope of your plant or machine. We are happy to provide a tailor-made quotation.

You can also use our service tender documents.

 Webcode 6888



Risk assessment

We will work with you to undertake a technical inspection of your machines in accordance with the applicable national and/or international standards and directives. The aim of this risk assessment is to identify and assess existing hazards in the workplace and define risk reduction measures.

 Webcode 1081



International compliance services

Pilz will work with your engineers to carry out the required assessment procedure and develop the necessary strategies to enable compliance with the respective ISO, IEC and ANSI standards or any other standards. This includes interpretation of the requirements for CE certification.

 Webcode 3319



Safety concept

Based on the results of the risk assessment, Pilz presents detailed technical solutions which guarantee plant safety through state-of-the-art mechanical, electrical and organisational measures, in compliance with national and international standards.

 Webcode 0864



Plant assessment

The plant assessment includes an on-site inspection followed by evaluation and presentation of the results. Pilz will work with you to analyse the machine's workflow. The documented results can be used for machine optimisation.

 Webcode 1080



Safety design

Whether you are constructing new machinery or retrofitting existing machines – it is better to integrate a safe design right at the start of the project. Only a safety design that addresses the hazards can be implemented with minimum impact on the machine's complexity, costs and productivity.

 Webcode 3314



Inspection of safeguards

With industry experience and technical competence, Pilz GmbH & Co.KG, based in Ostfildern, is an independent, DAkks accredited inspection body (in accordance with DIN EN 17020) and as such guarantees objectivity, high availability for your machinery and maximum safety for your staff.

 Webcode 0866

Consulting and Engineering

Your projects belong in safe hands



System implementation
Based on the results from the risk assessment and safety design, experienced

Pilz engineers can quickly implement the selected safety measures. Installation is carried out in compliance with regulations and standards, at minimum cost and with minimum downtimes.



Webcode

3296



Safety validation
The safety validation must show that the solutions that have been developed meet the actual requirements. This is done by mirroring the risk assessment and safety concept. Competent, specialist staff from Pilz can guarantee an objective and systematic procedure. The PAsCal calculation tool helps you with verification.



Webcode

3297

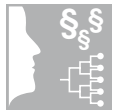


CE services
The CE mark indicates that the marked machines meet the essential requirements of all the relevant EU directives. Pilz carries out all the actions and processes for CE certification and produces the necessary compliance strategies, safety designs and documents. That way your machine has a "passport" into the EU.



Webcode

0865



Hazard assessment in accordance with BetrSichV
Modern health and

safety not only incorporates accident prevention but also the avoidance of work-related health risks. The emphasis is on the employer's responsibility. In the hazard assessment we identify the risks associated with work processes in accordance with industrial safety regulations and develop custom-fit solutions.



Webcode

7788



Training
Pilz is your reliable provider of seminars and product courses on the subject of machine safety. Technical expertise combined with multi-industry experience guarantees practical training and an optimum learning outcome from our training.



Webcode

0218

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Барнаул (3852)73-04-60
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Вологда (8172)26-41-59
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Ярославль (4852)69-52-93