Selection guide Magnetic safety switch PSENmag

Selection guide – PSENmag

Magnetic safety switch PSENmag – stainless steel

Common features
- Certified for applications up to PL e of EN ISO 13849-1 and SIL CL 3 of EN/IEC 62061 in conjunction with safety relays such as PNOZ s4, PNOZ X2.8P, PNOZ mB0
- Directions of actuation: 1
- Diagnostic interface: with and without LED
- Design: round
- Assured operating distance: 12 mm
- Protection type: IP67, IP69k
- Stainless steel housing
- Series connection: with PSEN ix1 or PDP67 F8 ION



PSEN ma1.3-20 M12/8/
PSEN ma1.3-08/VA/1U

Type (switch/actuator)	Assured switching distance	Contacts	Single connection	Connection to	LED	ATEX	Connection type Cable/connector	Certification	Order number (unit) [1]
PSEN ma1.3b-24/ PSEN ma1.3-08/EX/VA/1U	8 mm	1 1 1	◆	-	◆	◆	Cable, 10 m	ATEX [2], EAC, TÜV, UL [3]	506254
PSEN ma1.3b-28/ PSEN ma1.3-08/IX/EX/VA/1U	8 mm	1 1 1		PSEN ix1	◆	◆	Cable, 10 m		506255
PSEN ma1.3n-20/ PSEN ma1.3-08/VA/1U	8 mm	1 1	◆	PDP67			Connector, M12, 5-pin	EAC, ECOLAB, TÜV, UL [3]	506246
PSEN ma1.3-20 M12/8/ PSEN ma1.3-08/VA/1U	8 mm	1 1 1	◆	-			Connector, M12, 8-pin		506249
PSEN ma1.3-22 M12/8/ PSEN ma1.3-08/IX/VA/1U	8 mm	1 1 1		PSEN ix1			Connector, M12, 8-pin		506247

1 N/C contact
1 N/O contact

[1] Unit comprising switch and actuator, which can also be ordered separately
[2] ATEX certification applies only to individual components contained within the set
[3] UL certification applies only to individual components contained within the set

Accessories – magnetic safety switch PSENmag

Description Type	Features	Quantity	Order number
One-way screw to secure the actuator	▸ Stainless steel ▸ Drive: one-way slot (safety screw)		
PSEN screw M4x10	▸ M4, 10 mm ▸ Suitable for PSEN ma1.4, PSEN x.1, PSEN ma1.1, PSEN ma2.1	10	540308
PSEN screw M4x12	▸ M4, 12 mm ▸ Suitable for PSEN ma1.4, PSEN x.1, PSEN ma1.1, PSEN ma2.1	10	540309
PSEN screw M4x16	▸ M4, 16 mm ▸ Suitable for PSEN ma1.4, PSEN x.1, PSEN ma1.1, PSEN ma2.1	10	540310
PSEN screw M4x20	▸ M4, 20 mm ▸ Suitable for PSEN ma1.4, PSEN x.1, PSEN ma1.1, PSEN ma2.1	10	540313
PSEN screw M4x26	▸ M4, 26 mm ▸ Suitable for PSEN ma1.4, PSEN x.1, PSEN ma1.1, PSEN ma2.1	10	540314



PSEN bracket



PSEN ma1.4 spacer

Description Type	Features	Quantity	Order number
End caps **PSEN cs3/cs4, PSEN ma1.4 actuator caps**	Suitable for PSEN ma1.4 actuator	50	540335
Mounting bracket **PSEN bracket**	Suitable for PSEN ma1.4, PSEN x.1 [4], PSEN ma1.1, PSEN ma2.1	1	532110
PSEN mag/cs bracket straight	Suitable for PSEN ma1.4, PSEN x.1, PSEN ma1.1, PSEN ma2.1	2	532111
Spacer **PSEN spacer**	Suitable for PSEN x.1 [4], PSEN ma1.1, PSEN ma2.1	10	534310
PSEN ma1.4 spacer	Suitable for PSEN ma1.4 [4]	10	534311
Reverse spacer **PSEN reverse spacer**	Suitable for PSEN x.1 [4], PSEN ma1.1, PSEN ma2.1	2	534320

[4] for actuator and switch, 1 of each required

Cable selection:
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Keep up-to-date on magnetic safety switches PSENmag:
Webcode: web150413

Online information at www.pilz.com