

► Selection guide – PSENmag

Magnetic safety switch PSENmag – square design

Common features

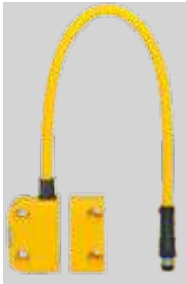
- Dual-channel safety switch for monitoring the position of movable guards in accordance with EN 60947-5-3
- Certified for applications up to Performance Level e of EN ISO 13849-1 and SIL CL 3 of EN/IEC 62061 in conjunction with safety relays such as PNOZ s4, PNOZ X2.8P, PNOZ mB0
- Optional signal contact
- Direct connection, via PDP67, PDP20 or via the interface PSEN ix1, see accessories page 32
- Protection type:
 - Cable versions: IP6K9K
 - Connector versions: IP67
- Flexible installation due to the housing design and pigtail cable
- Protective caps included for better manipulation protection



PSEN ma2.1p



PSEN ma1.4a



PSEN ma1.4p

Type (switch/actuator)	Assured switching distance	Contacts	Single connection	Series connection via	LED	ATEX	Connection type Cable/connector	Certification	Order number (unit) ¹⁾
PSEN ma2.1p-10/ PSEN2.1-10/3mm/1 unit	3 mm	 	◆	-			M8, 4-pin	EAC, TÜV, UL ²⁾	506 405
PSEN ma2.1p-11/ PSEN2.1-10/LED/3 mm/1 unit	3 mm	 	◆	-	◆		M8, 4-pin		506 406
PSEN ma2.1p-30/ PSEN2.1-10/6 mm/1 unit	6 mm	 	◆	-			M8, 4-pin		506 407
PSEN ma2.1p-31/ PSEN2.1-10/LED/6mm/1 unit	6 mm	 	◆	-	◆		M8, 4-pin		506 408
PSEN ma1.1p-10/ PSEN1.1-10/3 mm/1 unit	3 mm	 	◆	-			M8, 4-pin		506 411
PSEN ma1.1p-12/ PSEN1.1-10/3 mm/ix1/1 unit	3 mm	 		PSEN ix1			M8, 4-pin		506 412
PSEN ma2.1p-34/ PSEN2.1-10-06/LED/ATEX/1u	6 mm	 	◆	-	◆	◆	M8, 4-pin	ATEX ³⁾ , EAC, TÜV, UL ²⁾	506 413
PSEN ma1.4a-50/PSEN ma1.4-10	10 mm	 	◆	-			5 m		506 322
PSEN ma1.4a-51/PSEN ma1.4-10	10 mm	  	◆	-	◆		5 m	EAC, TÜV, UL ²⁾	506 326
PSEN ma1.4a-52/PSEN ma1.4-10	10 mm	 		PSEN ix1			5 m		506 323
PSEN ma1.4a-57/PSEN ma1.4-10	10 mm	  		PSEN ix1	◆		5 m		506 327
PSEN ma1.4p-50/PSEN ma1.4-10	10 mm	 	◆	-			M8, 4-pin, pigtail, 20 cm		506 334
PSEN ma1.4p-51/PSEN ma1.4-10	10 mm	  	◆	-	◆		M8, 8-pin, pigtail, 20 cm		506 338
PSEN ma1.4p-52/PSEN ma1.4-10	10 mm	 		PSEN ix1			M8, 4-pin, pigtail, 20 cm		506 335
PSEN ma1.4p-57/PSEN ma1.4-10	10 mm	  		PSEN ix1	◆		M8, 8-pin, pigtail, 20 cm		506 339
PSEN ma1.4n-50/PSEN ma1.4-10	10 mm	 	◆	PDP67			M12, 5-pin, pigtail, 13 cm		506 342
PSEN ma1.4n-51/PSEN ma1.4-10	10 mm	  	◆	PDP67	◆		M12, 5-pin, pigtail, 13 cm		506 343
PSEN ma1.4-51M12/8-0.15m/ PSEN ma1.4-10	10 mm	  	◆	-	◆		M12, 8-pin, pigtail, 13 cm		506 345
PSEN ma1.4a-57/PSEN ma1.4-03	3 mm	  		PSEN ix1	◆		5 m		506 325
PSEN ma1.4a-50/PSEN ma1.4-03	3 mm	 	◆	-			5 m		506 320
PSEN ma1.4a-51/PSEN ma1.4-03	3 mm	  	◆	-	◆		5 m		506 324
PSEN ma1.4a-52/PSEN ma1.4-03	3 mm	 		PSEN ix1			5 m		506 321
PSEN ma1.4p-50/PSEN ma1.4-03	3 mm	 	◆	-			M8, 4-pin, pigtail, 20 cm		506 332
PSEN ma1.4p-51/PSEN ma1.4-03	3 mm	  	◆	-	◆		M8, 8-pin, pigtail, 20 cm		506 336
PSEN ma1.4p-57/PSEN ma1.4-03	3 mm	  		PSEN ix1	◆		M8, 8-pin, pigtail, 20 cm		506 337
PSEN ma1.4p-52/PSEN ma1.4-03	3 mm	 		PSEN ix1			M8, 4-pin, pigtail, 20 cm		506 333
PSEN ma1.4n-50/PSEN ma1.4-03	3 mm	 	◆	PDP67			M12, 5-pin, pigtail, 13 cm		506 340
PSEN ma1.4n-51/PSEN ma1.4-03	3 mm	  	◆	PDP67	◆		M12, 5-pin, pigtail, 13 cm		506 341
PSEN ma1.4-51M12/8-0.15m/ PSEN ma1.4-03	3 mm	  	◆	-	◆		M12, 8-pin, pigtail, 13 cm		506 344

 N/C contact
 N/O contact

¹⁾ Unit comprising switch and actuator
²⁾ UL certification applies only to individual components contained within the set
³⁾ ATEX certification applies only to individual components contained within the set



Cable selection:

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Keep up-to-date on magnetic safety switches PSENmag:

 Webcode: web150413

Online information at www.pilz.com