PILZ
THE SPIRIT OF SAFETY

PSEN ml ba 1.1 unit 570424



Safety guard locking device PSENmlock, coded, with safety switch and actuator, with guard locking, with automatic reset, 8-pin M12 male connector, 0.23 m cable, single connection

Technical details

General data	
Approval:	CE, UL/cUL, UKCA, SEV, FCC, IC
Sensor principle:	Transponder
Coding level to ISO 14119:	Low
Classification to EN 60947-5-3:	PDDB
Transponder coding:	coded
Reset type:	Automatic reset
Suitable for series connection:	no
unit type:	Unit
Technical data	
Electrical data	
Supply voltage (V):	24 - 24 V
Type of supply voltage U1:	DC
Power consumption DC:	1 W
Inputs	
Number of inputs:	2
DC voltage at input:	24 V DC
Semiconductor outputs	
Number of OSSD outputs:	2
Number of sig. outputs:	1

Potential isolation S/C O:	No
S/C output short circuit proof:	Yes
Utilisation cat. to EN 60947-1:	DC-13
Environmental data	
Ambient temperature standard:	EN 60068-2-14
Ambient temperature:	0 - 60 °C
Storage temperature standard:	EN 60068-2-1/-2
Climatic suitability standard:	EN 60068-2-78
Humidity rating:	93 % r. h. at 40 °C
EMC to standard ...:	EN 55011: Class A, EN 60947-5-3, EN 61326-3-1
Vibration to standard ...:	EN 60068-2-6
Acc. shock to standard1:	30g
Overvoltage category:	III
Pollution degree clear.&creep.:	3
UL enclosure type:	Type 1
Times	
Pulse length lock/unlock req.:	350 - 400 ms
Mechanical data	
Bend radius (when laying) K1:	5 x Ø
Escape release available:	No
Max. vertical offset:	+/-3.0 mm
Max. ang. offset round X axis:	+/-2.0 deg
Max. ang. offset round Y axis:	+/-2.5 deg
Max. ang. offset round Z axis:	+/-7.5 deg
Max. offset closing direction:	+/-2 mm
Type 1 actuator:	PSEN ml 1.1
Connection type:	M12, 8-pin male
Cable lines:	LiYY 8 x 0.25 mm2
Product material:	Zn, Aluminium, Galvanised steel, Stainless steel, Plastic

Height dimension:	217.2 mm
Width dimension:	40 mm
Depth dimension:	40 mm
Net weight:	1100 g
Gross weight:	1450 g
Transponder	
Operating frequency:	122 kHz - 128 kHz
Environment	
WEEE classifikation (08/2018):	5 devices (feed size < 50cm)
Commercial data	
Harmonized System Code:	85365019
ECLASS version:	ECLASS-9.1
ECLASS Reference Feature:	27272603
ETIM Version:	ETIM-7.0
ETIM Reference Group:	EG000026
ETIM Reference Feature:	EC002593

Optional accessories



540346 PSEN cable M12-8sf M12-8sm, 1m



540347 PSEN cable M12-8sf M12-8sm, 1,5m



540326 PSEN cable axial M12 8-pole 30m

	540320	PSEN cable axial M12 8-pole 5m
	540342	PSEN cable M12-8sf M12-8sm, 10m
	540321	PSEN cable axial M12 8-pole 10m
	540343	PSEN cable M12-8sf M12-8sm, 20m
	540344	PSEN cable M12-8sf M12-8sm, 30m
	540345	PSEN cable M12-8sf M12-8sm, 0,5m
	570499	PSEN screw set bracket sliding door
	570475	PSEN ml escape release cordset 4,0m
	570497	PSEN ml door handle swinging door 80

	570498	PSEN screw set bracket swinging door
	570473	PSEN ml escape release cordset 3,0m
	570495	PSEN ml door handle sliding door
	570474	PSEN ml escape release cordset 3,5m
	570496	PSEN ml door handle swinging door 70
	570471	PSEN ml escape release cordset 2,0m
	570493	PSEN ml bracket swinging door 70
	570472	PSEN ml escape release cordset 2,5m
	570494	PSEN ml bracket swinging door 80

	C1000059	Adapter/ML/M12-5SMX/M12-5SMX/M12-8SFX/XX
	540333	PSEN cable M12-8sf, 20m
	570468	PSEN ml escape release cordset 1,0m
	570469	PSEN ml escape release cordset 1,25m
	570466	PSEN ml escape release cordset 0,5m
	570467	PSEN ml escape release cordset 0,75m
	570484	PSEN ml actuator 10° adapter
	570462	PSEN ml escape release extension
	570485	PSEN ml actuator center ring

	570463	PSEN ml escape release cordset 1,5m hd1
	540319	PSEN cable axial M12 8-pole 3m
	570460	PSEN ml escape release
	570461	PSEN ml auxiliary release hd1
	570491	PSEN ml / PDP67 Y junction PR
	570470	PSEN ml escape release cordset 1,5m
	570492	PSEN ml bracket sliding door
	570490	PSEN ml mounting plate
	540340	PSEN cable M12-8sf M12-8sm, 2m



540341	PSEN cable M12-8sf M12-8sm, 5m