PILZ
THE SPIRIT OF SAFETY

PSEN ml sa 2.1 unit 570432



Safety guard locking device PSENmlock, fully coded, with safety switchand actuator, with guard locking, with automatic reset, 12-pin M12 male connector, 0.23 m cable, series connection

Technical details

General data	
Approval:	CE, UKCA, cULus Listed, FCC, IC, TÜV
Sensor principle:	Transponder
Coding level to ISO 14119:	hoch
Classification to EN 60947-5-3:	PDDB
Transponder coding:	vollcodiert
Reset type:	automatischer Reset
Suitable for series connection:	ja
unit type:	Unit
Technical data	
Electrical data	
Supply voltage (V):	24
Type of supply voltage U1:	DC
Power consumption DC:	1
Inputs	
Number of inputs:	4
DC voltage at input:	24 V DC
Semiconductor outputs	
Number of OSSD outputs:	2
Number of sig. outputs:	1

Potential isolation S/C O:	nein
S/C output short circuit proof:	ja
Utilisation cat. to EN 60947-1:	DC-13
Environmental data	
Ambient temperature standard:	EN 60068-2-14
Ambient temperature:	0
Storage temperature standard:	EN 60068-2-1/-2
Climatic suitability standard:	EN 60068-2-78
Humidity rating:	93 % r. F. bei 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
Protection type, housing:	IP67
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:	nein
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 2.1
Connection type:	M12, 12-pin male
Cable lines:	LiYY 12 x 0,25 mm2

Product material:	Zn, Aluminium, Stahl verzinkt, Edelstahl, Kunststoff
Height dimension:	217.2
Width dimension:	40
Depth dimension:	40
Net weight:	1100
Gross weight:	1450
Transponder	
Operating frequency:	122 kHz - 128 kHz
Environment	
WEEE classifikation (08/2018):	5 devices (feed size < 50cm)
Commercial data	
Harmonized System Code:	85365019
UNSPSC 25:	39122205
EAN-Code:	4046548098198
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27272603
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000026
ETIM Reference Feature:	EC002593
Volume:	0 dm3

Optional accessories



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



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

	540342	PSEN cable M12-8sf M12-8sm, 10m
	540343	PSEN cable M12-8sf M12-8sm, 20m
	540344	PSEN cable M12-8sf M12-8sm, 30m
	570358	PSEN cable M12-12sf/M12-12sm 2m
	540345	PSEN cable M12-8sf M12-8sm, 0,5m
	570359	PSEN cable M12-12sf/M12-12sm 3m
	570356	PSEN cable M12-12sf 50m
	570357	PSEN cable M12-12sf/M12-12sm 1m
	570475	PSEN ml escape release cordset 4,0m

	570354	PSEN cable M12-12sf 20m
	570355	PSEN cable M12-12sf 30m
	570473	PSEN ml escape release cordset 3,0m
	570352	PSEN cable M12-12sf 5m
	570474	PSEN ml escape release cordset 3,5m
	570353	PSEN cable M12-12sf 10m
	570471	PSEN ml escape release cordset 2,0m
	570350	PSEN cable M12-12sf 2m
	570472	PSEN ml escape release cordset 2,5m

	570351	PSEN cable M12-12sf 3m
	570360	PSEN cable M12-12sf/M12-12sm 5m
	540333	PSEN cable M12-8sf, 20m
	570489	PSEN ml / PSENcs Y junction M12
	570486	PSEN ml Y junction M12
	570487	PSEN ml end adapter
	570484	PSEN ml actuator 10° adapter
	570485	PSEN ml actuator center ring
	570361	PSEN cable M12-12sf/M12-12sm 10m

	570362	PSEN cable M12-12sf/M12-12sm 20m
	570491	PSEN ml / PDP67 Y junction PR
	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
	540326	PSEN cable axial M12 8-pole 30m
	540320	PSEN cable axial M12 8-pole 5m
	540321	PSEN cable axial M12 8-pole 10m

	570499	PSEN screw set bracket sliding door
	570497	PSEN ml door handle swinging door 80
	570498	PSEN screw set bracket swinging door
	570495	PSEN ml door handle sliding door
	570496	PSEN ml door handle swinging door 70
	570493	PSEN ml bracket swinging door 70
	570494	PSEN ml bracket swinging door 80
	C1000059	Adapter/ML/M12-5SMX/M12-5SMX/M12-8SFX/XX
	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