

PSEN sI2-DM1-P WD switch

6N000032

Safety switch, with electromagnetic guard locking, coded, for PSENslock 2, guard locking for process protection, holding force 700 N, 8-pin M12 male connector, series connection

Technical details

General data

Approval:	CE, UKCA, cULus Listed, FCC, IC, EAC (Eurasian), ECOLAB
Sensor principle:	Transponder
Coding level to ISO 14119:	gering
Classification to EN 60947-5-3:	PDDb
Transponder coding:	codiert
Suitable for series connection:	ja
unit type:	Sensor

Technical data

Electrical data

Supply voltage (V):	24
Type of supply voltage U1:	DC
Power consumption DC:	4.5

Inputs

Number of inputs:	3
DC voltage at input:	24 V DC

Semiconductor outputs

Number of OSSD outputs:	2
Number of sig. outputs:	1
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:	-25
Storage temperature standard:	EN 60068-2-1/-2
Climatic suitability standard:	EN 60068-2-78
Humidity rating:	P_FEUCHTE_WERT_93 % r. F. bei 40 °C
Perm. operating height ASL:	2000 m
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:	IP69K, IP67
UL enclosure type:	type 1
Mechanical data	
Max. vertical offset:	5 mm
Max. angular offset:	+/-2 deg
Max. ang. offset round X axis:	+/-2 deg
Max. ang. offset round Y axis:	+/-2 deg
Max. ang. offset round Z axis:	+/-2 deg
Type 1 actuator:	PSEN sI2-M-AL actuator
Type 2 actuator:	PSEN sI2-M-VA actuator
Sensor can be flush-mounted:	Ja, Montagehinweis beachten
Connection type:	M12, 8pol. male
Cable lines:	LiYY 8 x 0,25 mm ²
Product material:	Edelstahl, Kunststoff
Housing material upper part:	PBT
Height dimension:	120

Width dimension:	45
Depth dimension:	44
Net weight:	830
Gross weight:	1037
Transponder	
Operating frequency:	122 kHz - 128 kHz
Environment	
WEEE classification (08/2018):	5 devices (feed size < 50cm)
Commercial data	
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27272603
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000026
ETIM Reference Feature:	EC002593
UNSPSC 25:	39122205
GTIN:	4046548092660
Volume:	0 dm3

Obligatory accessories



6N000025

PSEN sl2-M-AL actuator



6N000028

PSEN sl2-M-VA actuator

Optional accessories



380325

PSEN sl adapter



540312

PSEN screw M5x20 10pcs



540315

PSEN Y junction M12 SENSOR



540319

PSEN cable axial M12 8-pole 3m



540320

PSEN cable axial M12 8-pole 5m



540321

PSEN cable axial M12 8-pole 10m



540322

PSEN cable angle M12 8-pole 3m



540323

PSEN cable angle M12 8-pole 5m



540324

PSEN cable angle M12 8-pole 10m



540325

PSEN cable angle M12 8-pole 30m



540326

PSEN cable axial M12 8-pole 30m



540333

PSEN cable M12-8sf, 20m



540338

PSEN Y junction M12-M12/M12 PIGTAIL



540340

PSEN cable M12-8sf M12-8sm, 2m



540341

PSEN cable M12-8sf M12-8sm, 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



540345

PSEN cable M12-8sf M12-8sm, 0,5m



540346

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



540347

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



570550

PSEN sl bracket swing door



570551

PSEN sl bracket sliding door



570552

PSEN sl restart interlock (padlock)



6N000029

Adapter/SL/M12-8SMX/M12-8SFX/M12-8SFX/PT



6N000031

PSEN sl2 Config Key