

# Product data sheet

## Characteristics

# XCSDM379105

coded magnetic system XCSDM3 - SIL 2 - 2 PNP outputs - cable 5m

Product availability : Non-Stock - Not normally stocked in distribution facility

Price\*\* : 272.00 USD



### Main

Range of product	Preventa Safety detection
Product or component type	Coded magnetic system
Component name	XCSDM3
Design	Rectangular
Size	100 x 34 x 32 mm
Contacts type and composition	1 NO + 1 NO
Material	Plastic
Electrical connection	Pre-cabled
Cable composition	6 x 0.25 mm <sup>2</sup>
Cable length	16.40 ft (5 m)
Ohmic cable resistance	450 mOhm
Local signalling	Green, orange and red 1 LED
Approach directions	9 directions
[Ue] rated operational voltage	24 V DC - 20...10 %)
[Ui] rated insulation voltage	36 V DC

### Complementary

Cable outer diameter	0.24 in (6.1 mm)
Type of output stage	Solid-state, PNP
Safety outputs	2 outputs 1.5 A, 24 V, DC
[Sa] assured operating distance	0.39 in (10 mm)
[Sar] assured tripping distance	0.79 in (20 mm)
Minimum actuation speed	0.03 ft/s (0.01 m/s)
[Uimp] rated impulse withstand voltage	2.5 kV EN/IEC 60947-5-1
Protection type	Overload and short-circuit protection
Switching frequency	3 Hz
Time delay	100 ms activation
Discordance time	2 s
[HFT] Hardware Fault Tolerance	1
Tightening torque	< 1.8 N.m

Installed device	32 maximum with 2 m long cable
Marking	CE
Safety level	Can reach category 3 correctly wired EN/ISO 13849-1 Can reach PL = d correctly wired EN/ISO 13849-1 Can reach SIL 2 correctly wired EN/IEC 61508
Safety reliability data	HFT = 1 MTTFd = 182 years PFD = 1.15E-5 PFH = 3.94E-9 SF = 92.5 %
Enclosure material	Thermoplastic PBT
Cable material	PVC
Depth	1.26 in (32 mm)
Height	3.94 in (100 mm)
Width	1.34 in (34 mm)
Net weight	1.06 lb(US) (0.48 kg)

## Environment

Standards	EN 13849-1 IEC 61508 EN/IEC 60947-5-3 EN/IEC 62061 EN/IEC 60947-5-2 EN/IEC 60947-5-1 ISO 14119
Product certifications	UL TÜV CSA
Ambient air temperature for operation	-13...158 °F (-25...70 °C)
Ambient air temperature for storage	-40...185 °F (-40...85 °C)
Vibration resistance	10 gn 10...500 Hz)IEC 60068-2-6
Shock resistance	30 gn 11 ms IEC 60068-2-27
Maximum sensitivity to magnetic fields	0.5 mT
Electrical shock protection class	Class III EN/IEC 61140
IP degree of protection	IP66 IEC 60529 IP67 IEC 60529 IP69K DIN 40050

## Ordering and shipping details

Category	22411 - LIMIT SWITCHES,IEC,XCKJ
Discount Schedule	T
GTIN	00785901527985
Package weight(Lbs)	0.32 kg (0.7 lb(US))
Returnability	No
Country of origin	FR

## Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>

Contractual warranty

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Warranty	18 months
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