



## Main

Range of product	Preventa Safety detection
Product or component type	Coded magnetic switch
Component name	XCSDMR
Electrical connection	Pre-cabled
Cable length	2 m
Design	Cylindrical
Size	Ø 30 x 38.5 mm
Number of poles	2
Contacts type and composition	1 NC + 1 NO
Contacts operation	1 NC staggered

## Complementary

Material	Plastic
Cable composition	4 x 0.25 mm <sup>2</sup>
[Sa] assured operating distance	8 mm
[Sar] assured tripping distance	20 mm
Approach directions	1 direction
[Ue] rated operational voltage	24 V DC
[Ie] rated operational current	≤ 100 A
[Ui] rated insulation voltage	100 V DC
[Uimp] rated impulse withstand voltage	2,5 kV EN/IEC 60947-5-1
Resistance across terminals	10 Ohm
Short circuit protection	500 mA external cartridge fuse gG (gl)
Contacts material	Rhodium
Electrical durability	1200000 cycles
Maximum switching voltage	100 V DC
Switching capacity in mA	0,1... 100 mA
Insulation resistance	1000 MOhm
Breaking capacity	≤ 10 VA
Switching frequency	150 Hz
Enclosure material	Thermoplastic PBT
Cable material	PVC
Product weight	0,146 kg

## Environment

Standards	CSA C22-2 No 14 EN/IEC 60204-1 EN/IEC 60947-5-1 EN/ISO 12100 EN 1088 ISO 14119 UL 508
Product certifications	BG CSA UL
Protective treatment	TH
Ambient air temperature for operation	-25...85 °C
Ambient air temperature for storage	-40...85 °C

Vibration resistance	10 gn 10...150 Hz IEC 60068-2-6
Shock resistance	30 gn 11 ms IEC 60068-2-27
Sensitivity to magnetic fields	≥ 0,3 mT
Class of protection against electric shock	Class II IEC 60536
IP degree of protection	IP66 IEC 60529 IP67 IEC 60529
RoHS EUR conformity date	0729
RoHS EUR status	Compliant