



Commercial status

End of Commercialisation :

⚠ End of Commercialisation

Main

Range of product	Preventa Safety detection
Product or component type	Coded magnetic switch
Component name	XCS DMP
Design	Rectangular, standard
Size	88 x 25 x 13 mm
Contacts type and composition	2 NC
Contact operation	Staggered
Material	Plastic
Electrical connection	Pre-cabled
Cable composition	4 x 0.25 mm ²
Cable length	2 M
Number of poles	2
Local signalling	1 LED
Approach directions	3 directions
[Ue] rated operational voltage	24 V DC
[Ui] rated insulation voltage	100 V DC

Complementary

[Sa] assured operating distance	8 Mm
[Sar] assured tripping distance	20 Mm
Maximum [Ie] rated operational current	100 MA
[Uimp] rated impulse withstand voltage	2.5 KV EN/IEC 60947-5-1
Resistance across terminals	57 Ohm
Short-circuit protection	500 MA external cartridge fuse type gG (gl)
Contacts material	Rhodium
Electrical durability	1200000 Cycles
Maximum switching voltage	100 V DC
Switching capacity in mA	5...100 mA
Insulation resistance	1000 MOhm
Breaking capacity	3 VA
Switching frequency	150 Hz
Safety level	Can reach category 4 with the appropriate monitoring system and correctly wired-conforming to EN/ISO 13849-1 Can reach PL = e with the appropriate monitoring system and correctly wired-conforming to EN/ISO 13849-1 Can reach SIL 3 with the appropriate monitoring system and correctly wired conforming to EN/IEC 61508

Safety reliability data	B10d = 50000000 value given for a life time of 20 years limited by mechanical or-contact wear
Enclosure material	Thermoplastic PBT
Cable material	PVC
Depth	13 Mm
Height	88 Mm
Width	25 Mm
Net weight	0.18 Kg

Environment

Standards	EN/IEC 60947-5-1 CSA C22.2 No 14 UL 508 EN/ISO 12100 EN/IEC 60204-1 ISO 14119
Product certifications	CSA BG UL
Protective treatment	TH
Ambient air temperature for operation	-25...85 °C
Ambient air temperature for storage	-40...85 °C
Vibration resistance	10 gn (f= 10...150 Hz) conforming to IEC 60068-2-6
Shock resistance	30 gn for 11 ms conforming to IEC 60068-2-27
Maximum sensitivity to magnetic fields	0.3 MT
Electrical shock protection class	Class II conforming to EN/IEC 61140
IP degree of protection	IP66 conforming to IEC 60529 IP67 conforming to IEC 60529

Contractual warranty

Warranty	18 months
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Product Life Status : **End of commercialisation**

XCSDMP7912 may be replaced by any of the following products:



XCSDMP791L01M12

coded magnetic switch XCSDMP - 2 NC - staggered - M12 0.15m

Qty 1

Reason for Substitution: End of life | Substitution date: 30 Dec 2009 | -



XZCP1141L2

pre-wired connectors XZ - straight female - M12 - 4 pins - cable PUR 2m

Qty 1

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XCSDMP791L01M12

coded magnetic switch XCSDMP - 2 NC - staggered - M12 0.15m

Qty 1

Reason for Substitution: End of life | Substitution date: 30 Dec 2009 | version with M12 connector + the appropriate M12 pre-wired connector



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