Product data sheet Characteristics

XS2M12KP340

inductive sensor XS2 M12, L55mm, brass, Sn4mm, 12..24VDC, cable 2m





Main

Range of product	Telemecanique Inductive proximity sensors XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Sensor name	XS2
Sensor design	Cylindrical M12
Size	55 mm
Body type	Fixed
Detector flush mounting acceptance	Non flush mountable
Material	Metal
Type of output signal	Discrete
Wiring technique	4-wire
[Sn] nominal sensing distance	4 Mm
Discrete output function	1 NO or 1 NC programmable
Output circuit type	DC
Discrete output type	PNP and NPN
Electrical connection	Cable
Cable length	2 M
[Us] rated supply voltage	1224 V DC with reverse polarity protection
Switching capacity in mA	<= 200 mA with overload and short-circuit protection
IP degree of protection	IP68 double insulation conforming to IEC 60529

Complementary

Thread type	M12 x 1	
Detection face	Frontal	
Front material	PPS	
Enclosure material	Nickel plated brass	
Operating zone	03.2 Mm	
Differential travel	115% of Sr	
Cable composition	4 x 0.22 mm²	
Wire insulation material	PvR	
Status LED	Output state: 1 LED (yellow)	
Supply voltage limits	1036 V DC	
Switching frequency	<= 5000 Hz	
Maximum voltage drop	<2.6 V (closed)	
Current consumption	010 mA no-load	

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.

This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.

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5 Ms	
0.1 Ms	
0.1 Ms	
CE	
42 Mm	
55 Mm	
0.075 Kg	
	0.1 Ms 0.1 Ms CE 42 Mm 55 Mm

Environment

Product certifications	CSA UL
Ambient air temperature for operation	-2570 °C
Ambient air temperature for storage	-4085 °C
Vibration resistance	25 gn amplitude = +/- 2 mm (f = 1055 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn for 11 ms conforming to IEC 60068-2-27

Packing Units

PCE	
1	
84 G	
3.1 Cm	
11.9 Cm	
14.3 Cm	
_	1 84 G 3.1 Cm 11.9 Cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	☑ REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
RoHS exemption information	₫Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	☑ End Of Life Information
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 tocause birth defects or other reproductive harm. For more information goto www.P65Warnings.ca.gov

Contractual warranty

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Warranty	18 months

Product Life Status: Commercialised

