

XS2M12KP340L1

inductive sensor XS2 M12 - L55mm - brass - Sn4mm - 12..24VDC
- cable 5m



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Main

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Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Device application	-
Sensor name	XS2
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	5 m
[Us] rated supply voltage	12...24 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

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Detection face	Frontal
Front material	PPS
Enclosure material	Nickel plated brass
Operating zone	0...3.2 mm
Differential travel	1...15% of Sr
Cable composition	4 x 0.34 mm ²
Wire insulation material	PvR
Status LED	1 LED yellow for output state
Supply voltage limits	10...36 V DC
Switching frequency	<= 5000 Hz
Voltage drop	<= 2.6 V at closed state
Current consumption	0...10 mA at no-load
Delay first up	<= 5 ms
Delay response	<= 0.1 ms
Delay recovery	<= 0.1 ms

Marking	CE
Threaded length	42 mm
Height	12 mm
Length	55 mm
Product weight	0.075 kg 0.165 kg



Environment

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Product certifications	CSA UL
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...85 °C
Vibration resistance	25 gn amplitude = +/- 2 mm (f = 10...55 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn for 11 ms conforming to IEC 60068-2-27

Offer Sustainability

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Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0809 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available  download Product environmental
Product end of life instructions	Available  download End of life manual

Contractual warranty

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Period	18 months
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