



Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Sensor name	XS1
Sensor design	Cylindrical M12
Size	58 mm
Body type	Fixed
Enclosure material	Nickel plated brass
Type of output signal	Discrete
Wiring technique	2-wire
[Sn] nominal sensing distance	2 mm
Discrete output function	1 NO
Electrical connection	Cable
Cable length	5 m
[Us] rated supply voltage	24...240 V AC
Switching capacity in mA	5...200 mA
IP degree of protection	IP67 conforming to IEC 60529

Complementary

ISO thread	M12 x 1
Detection face	Frontal
Detector flush mounting acceptance	Flush mountable
Material	Metal
Front material	PPS
Operating zone	0...1.6 mm
Differential travel	1...15% of Sr
Output circuit type	AC
Cable composition	2 x 0.34 mm ²
Wire insulation material	PVC
Status LED	1 LED yellow for output state
Supply voltage limits	20...264 V AC

Disclaimer: 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

Residual current	<= 1.5 mA for open state
Voltage drop	<= 7 V at closed state
Delay first up	<= 40 ms
Delay response	<= 10 ms
Delay recovery	<= 15 ms
Marking	CE
Threaded length	58 mm
Height	12 mm
Length	58 mm
Product weight	0.195 kg

Environment

Product certifications	UL CCC CSA
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

RoHS (date code: YYWW)	Compliant - since 0903 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
Product environmental profile	Available End of Life Information
Product end of life instructions	Available

Contractual warranty

Warranty period	18 months
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XS112BLFAL5 is replaced by:



Inductive sensors XS XS512B1MAL5

inductive sensor XS5 M12 - L53mm - brass - Sn2mm - 24..240VAC/DC - cable 5m

Qty 1

Reason for Substitution: End of life | Substitution date: 01 January 2014