



Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Wiring configuration	2-wire
Output circuit type	AC/DC
Protection type	Short-circuit protection
Device application	2-wire DC short-circuit protection
Sensor name	XS1
Sensor design	Cylindrical M30
Size	60 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Metal
Type of output signal	Discrete
Wiring technique	2-wire
[Sn] nominal sensing distance	10 mm
Discrete output function	1 NO
Electrical connection	Cable
Cable length	5 m
[Us] rated supply voltage	24...240 V AC 50/60 Hz 24...210 V DC
Switching capacity in mA	5...200 mA DC with overload and short-circuit protection 5...300 mA AC with overload and short-circuit protection
IP degree of protection	IP68 double insulation conforming to IEC 60529

Complementary

Thread type	M30 x 1.5
Detection face	Frontal
Front material	PPS
Enclosure material	Nickel plated brass
Operating zone	0...8 mm
Differential travel	1...15% of Sr

Cable composition	2 x 0.34 mm ²
Wire insulation material	PvR
Status LED	1 LED green for supply on 1 LED yellow for output state
Supply voltage limits	20...264 V AC/DC
Residual current	<= 1.5 mA for open state
Switching frequency	<= 2000 Hz DC <= 25 Hz AC
Voltage drop	<= 5.5 V at closed state state
Delay first up	<= 70 ms
Delay response	<= 2 ms
Delay recovery	<= 5 ms
Marking	CE
Threaded length	51 mm
Height	30 mm
Length	60 mm
Product weight	0.205 kg 0.325 kg

Environment

Product certifications	CCC 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 60068-2-7

Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 0936 - 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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