



Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Sensor name	XS1
Sensor design	Cylindrical M30
Size	52 mm
Body type	Fixed
Enclosure material	Nickel plated brass
Type of output signal	Discrete
Wiring technique	3-wire
[Sn] nominal sensing distance	10 mm
Discrete output function	1 NC
Discrete output type	NPN
Electrical connection	Cable
Cable length	5 m
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Switching capacity in mA	<= 100 mA with overload and short-circuit protection
IP degree of protection	IP67 conforming to IEC 60529

Complementary

ISO thread	M30 x 1.5
Detection face	Frontal
Detector flush mounting acceptance	Flush mountable
Material	Metal
Front material	PPS
Operating zone	0...8 mm
Differential travel	1...15% of Sr
Output circuit type	DC
Cable composition	3 x 0.34 mm ²
Wire insulation material	PVC
Status LED	1 LED yellow for output state

Supply voltage limits	10...36 V DC
Voltage drop	<= 2 V at closed state
Current consumption	<= 10 mA at no-load
Delay first up	<= 10 ms
Delay response	<= 2 ms
Delay recovery	<= 6 ms
Marking	CE
Threaded length	49 mm
Height	30 mm
Length	52 mm
Product weight	0.285 kg



Environment

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

Contractual warranty

Warranty period	18 months
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XS130BLNBL5 is replaced by the following group of products:

	<p>Inductive sensors XS XS530BLNBM12</p> <p>inductive sensor XS5 M30 - L74mm - brass - Sn10mm - 12..48VDC - M12</p> <p>Qty 1</p>
	<p>Electronic pressure sensors for control circuit XZCPV1141L5</p> <p>pre-wired connectors XZ - straight female - M12 - 4 pins - cable PVC 5m</p> <p>Qty 1</p>

Reason for Substitution: Rebranding | Substitution date: 11 January 2013 | -