



### Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Device application	-
Sensor name	XS1
Sensor design	Cylindrical Ø 4 mm plain
Size	41 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Metal
Type of output signal	Discrete
Wiring technique	3-wire
[Sn] nominal sensing distance	1 mm
Discrete output function	1 NO
Output circuit type	DC
Discrete output type	NPN
Electrical connection	3 pins M8 male connector
[Us] rated supply voltage	5...24 V DC
Switching capacity in mA	<= 100 mA with overload and short-circuit protection
IP degree of protection	IP67 conforming to IEC 60529

### Complementary

Detection face	Frontal
Front material	PPS
Enclosure material	Nickel plated brass
Operating zone	0...0.8 mm
Status LED	1 LED yellow for output state
Supply voltage limits	5...30 V DC
Switching frequency	<= 5000 Hz
Voltage drop	<= 2 V at closed state
Current consumption	0...10 mA at no-load

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

Delay first up	<= 5 ms
Delay response	<= 1 ms
Delay recovery	<= 1 ms
Marking	CE
Threaded length	0 mm
Height	10 mm
Length	42 mm

## Environment

Product certifications	CSA UL
Ambient air temperature for operation	-40...70 °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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