



### Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Sensor name	XS2
Sensor design	Cylindrical M12
Size	66 mm
Body type	Fixed
Detector flush mounting acceptance	Non flush mountable
Material	Metal
Type of output signal	Discrete
Wiring technique	4-wire
Discrete output function	1 NO + 1 NC
Output circuit type	DC
Discrete output type	PNP
Electrical connection	Male connector M12, 4 pins
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Switching capacity in mA	<= 200 mA overload and short-circuit protection
IP degree of protection	IP68 double insulation conforming to IEC 60529

### Complementary

Thread type	M12 x 1
Detection face	Frontal
Front material	PPS
Enclosure material	Nickel plated brass
Operating zone	0.00...0.13 in (0...3.2 mm)
Differential travel	1...15% of Sr

Status LED	Output state: 1 LED (yellow)
Supply voltage limits	10...36 V DC
Maximum voltage drop	<2 V closed)
Current consumption	0...10 mA no-load
Maximum delay first up	5 ms
Marking	CE
Threaded length	1.65 in (42 mm)
Length	2.60 in (66 mm)

## Environment

Product certifications	UL CSA
Ambient air temperature for operation	-13...158 °F (-25...70 °C)
Ambient air temperature for storage	-40...185 °F (-40...85 °C)
Vibration resistance	25 gn +/- 2 mm 10...55 Hz)IEC 60068-2-6
Shock resistance	50 gn 11 ms IEC 60068-2-27

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	1.27 oz (36 g)
Package 1 Height	0.75 in (1.9 cm)
Package 1 width	2.99 in (7.6 cm)
Package 1 Length	4.61 in (11.7 cm)
Unit Type of Package 2	BAG
Number of Units in Package 2	1
Package 2 Weight	1.52 oz (43 g)
Package 2 Height	0.47 in (1.2 cm)
Package 2 width	7.87 in (20 cm)
Package 2 Length	5.91 in (15 cm)
Unit Type of Package 3	S01
Number of Units in Package 3	22
Package 3 Weight	35.11 oz (995.333 g)
Package 3 Height	5.91 in (15 cm)
Package 3 width	5.91 in (15 cm)
Package 3 Length	15.75 in (40 cm)

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>