



Main

Range of product	OsiSense XS
Series name	Application
Sensor type	Inductive proximity sensor
Device application	Food and beverage
Market segment	Pharmaceutical
Sensor name	XS2
Sensor design	Cylindrical M30
Size	63 mm
Body type	Fixed
Detector flush mounting acceptance	Non flush mountable
Material	Stainless steel
Type of output signal	Discrete
Wiring technique	2-wire
[Sn] nominal sensing distance	0.87 in (22 mm)
Discrete output function	1 NO
Output circuit type	AC/DC
Electrical connection	Cable
Cable length	6.56 ft (2 m)
[Us] rated supply voltage	24...240 V AC 50/60 Hz 24...240 V DC
Switching capacity in mA	5...200 mA DC 5...300 mA AC
IP degree of protection	IP68 double insulation conforming to IEC 60529 IP69K conforming to DIN 40050

Complementary

Thread type	M30 x 1.5
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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

Detection face	Frontal
Front material	PPS
Enclosure material	Stainless steel 316 L
Sensing range	> 15...40 mm
Operating zone	0.00...0.69 in (0...17.6 mm)
Differential travel	1...15% of Sr
Cable composition	2 x 0.34 mm ²
Wire insulation material	PVC
Status LED	Output state: 1 LED (yellow)
Supply voltage limits	20...264 V AC/DC
Maximum residual current	0.8 mA open state
Switching frequency	<= 25 Hz AC <= 300 Hz DC
Maximum voltage drop	<5.5 V (closed)
Maximum delay first up	30 ms
Maximum delay response	0.5 ms
Maximum delay recovery	2 ms
Marking	CE
Threaded length	1.61 in (41 mm)
Length	2.48 in (63 mm)
Net weight	0.45 lb(US) (0.205 kg)

Environment

Product certifications	UL CCC CSA
Ambient air temperature for operation	-13...185 °F (-25...85 °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	6.56 oz (186 g)
Package 1 Height	1.38 in (3.5 cm)
Package 1 width	3.15 in (8 cm)
Package 1 Length	8.07 in (20.5 cm)
Unit Type of Package 2	BAG
Number of Units in Package 2	1
Package 2 Weight	6.84 oz (194 g)
Package 2 Height	1.38 in (3.5 cm)
Package 2 width	9.84 in (25 cm)
Package 2 Length	7.87 in (20 cm)
Unit Type of Package 3	S01
Number of Units in Package 3	11
Package 3 Weight	4.96 lb(US) (2.249 kg)
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
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REACH Regulation	REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information

Contractual warranty

Warranty	18 months
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