



Main

Range of product	OsiSense XS
Series name	Application
Sensor type	Inductive proximity sensor
Device application	-
Sensor name	XS9
Sensor design	Flat form 26 x 26 x 13
Size	13 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Plastic
Enclosure material	PBT
Type of output signal	Analogue
Wiring technique	2-wire
[Sn] nominal sensing distance	10 mm
Output circuit type	DC
Analogue output range	0...10 V
Electrical connection	Remote male connector M12, 4 pins
Cable length	0.49 ft (0.15 m)
[Us] rated supply voltage	24 V DC
IP degree of protection	IP67 double insulation IEC 60529

Complementary

Detection face	Frontal
Front material	PBT
Operating zone	0.04...0.39 in (1...10 mm)
Repeat accuracy	<= 3% of Sr
Linearity error	+/- 1 V
Status LED	without
Supply voltage limits	15...36 V DC
Switching frequency	<= 1000 Hz

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

Current consumption	0...4 mA no-load
Maximum output current drift	10 %
Marking	CE
Depth	0.51 in (13 mm)
Height	1.02 in (26 mm)
Width	1.02 in (26 mm)

Environment

Product certifications	Ecolab CSA UL
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	1.62 oz (46 g)
Package 1 Height	2.60 in (6.6 cm)
Package 1 width	3.46 in (8.8 cm)
Package 1 Length	1.34 in (3.4 cm)
Unit Type of Package 2	S01
Number of Units in Package 2	22
Package 2 Weight	2.73 lb(US) (1.237 kg)
Package 2 Height	5.91 in (15 cm)
Package 2 width	5.91 in (15 cm)
Package 2 Length	15.75 in (40 cm)

Offer Sustainability

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

Contractual warranty

Warranty	18 months
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