



Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Product specific application	-
Sensor name	XS8
Sensor design	Form 12 x 40 x 26
Size	26 mm
Body type	Fixed
Enclosure material	Plastic
Type of output signal	Discrete
Wiring technique	4-wire
[Sn] nominal sensing distance	4 mm
Discrete output function	1 NO or 1 NC programmable
Discrete output type	PNP
Electrical connection	Cable
Cable length	6.56 ft (2 m)
Wire insulation material	PVC
[Us] rated supply voltage	12...48 V DC
Switching capacity in mA	<= 200 mA overload and short-circuit protection
IP degree of protection	IP67 IEC 60529

Complementary

Detection face	Lateral
Detector flush mounting acceptance	Non flush mountable
Material	Plastic
Front material	Plastic

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

Operating zone	0.00...0.13 in (0...3.2 mm)
Differential travel	3...20% of Sr
Repeat accuracy	<= 10% of Sr
Output circuit type	DC
Cable composition	4 x 0.34 mm ²
Status LED	Output state: 1 LED (yellow)
Supply voltage limits	10...58 V DC
Switching frequency	<= 1000 Hz
Maximum voltage drop	<2.6 V (closed)
Current consumption	0...10 mA no-load
Maximum delay first up	4 ms
Maximum delay response	0.5 ms
Maximum delay recovery	1 ms
Marking	CE
Depth	1.02 in (26 mm)
Height	1.57 in (40 mm)
Width	0.47 in (12 mm)

Environment

Product certifications	CCC 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

Package 1 Weight	0.22 lb(US) (0.101 kg)
Package 1 Height	0.450 dm
Package 1 width	0.450 dm
Package 1 Length	1.400 dm

Offer Sustainability

Sustainable offer status	Green Premium product
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

Contractual warranty

Warranty	18 months
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