



Main

Range of product	OsiSense XS
Series name	Application
Sensor type	Inductive proximity sensor
Device application	Selective detection of ferrous materials
Sensor name	XS1
Sensor design	Cylindrical M18
Size	62 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Metal
Type of output signal	Discrete
Wiring technique	2-wire
[Sn] nominal sensing distance	0.31 in (8 mm)
Discrete output function	1 NC
Output circuit type	DC
Electrical connection	Cable
Cable length	6.56 ft (2 m)
[Us] rated supply voltage	24...240 V AC/DC with reverse polarity protection
Switching capacity in mA	5...200 mA with overload and short-circuit protection
IP degree of protection	IP68 conforming to IEC 60529 IP69K conforming to DIN 40050

Complementary

Thread type	M18 x 1
Detection face	Frontal
Front material	PPS
Enclosure material	Nickel plated brass

Operating zone	0...0.25 in (0...6.4 mm)
Differential travel	1...15 % of Sr
Cable composition	3 x 0.34 mm ²
Wire insulation material	PvR
Status LED	1 LED yellow output state
Supply voltage limits	20...264 V AC/DC
Residual current	<= 0.8 mA open state
Switching frequency	<= 1000 Hz DC
Voltage drop	<= 5.5 V at closed state state
Current consumption	0...15 mA at no-load
Delay first up	<= 25 ms
Delay response	<= 0.5 ms
Delay recovery	<= 0.5 ms
Marking	CE
Threaded length	2.05 in (52 mm)
Length	2.44 in (62 mm)
Product weight	0.26 lb(US) (0.12 kg)

Environment

Product certifications	CSA UL
Ambient air temperature for operation	-13...158 °F (-25...70 °C)
Vibration resistance	25 gn amplitude = +/- 2 mm (f = 10.55 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn 11 ms conforming to IEC 60068-2-27

Ordering and shipping details

Category	22486 - SENSORS, PROXIMITY
Discount Schedule	DS2
GTIN	00785901926993
Nbr. of units in pkg.	1
Package weight(Lbs)	0.32000000000000001
Returnability	N
Country of origin	FR

Contractual warranty

Warranty period	18 months
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Product Life Status	END OF COMMERCIALIZATION
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