



Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Product specific application	2-wire DC short-circuit protection
Sensor name	XS2
Sensor design	Cylindrical M30
Size	74.7 mm
Body type	Fixed
Detector flush mounting acceptance	Non flush mountable
Material	Metal
Type of output signal	Discrete
Wiring technique	2-wire
[Sd] sensing range	> 8...15 mm
[Sn] nominal sensing distance	15 mm
Discrete output function	1 NC
Output circuit type	AC/DC
Electrical connection	3 pins 1/2"20 UNF male connector
[Us] rated supply voltage	24...210 V DC 24...240 V AC 50/60 Hz
Switching capacity in mA	5...200 mA DC with overload and short-circuit protection 5...300 mA AC with overload and short-circuit protection
IP degree of protection	IP67 conforming to IEC 60529

Complementary

ISO thread	M30 x 1.5
Detection face	Frontal
Enclosure material	Nickel plated brass
Operating zone	0...12 mm
Differential travel	1...15% of Sr
Status LED	1 LED green for supply on 1 LED red for output state
Supply voltage limits	20...264 V AC/DC
Residual current	<= 1.5 mA for open state
Switching frequency	<= 1000 Hz DC <= 25 Hz AC
Voltage drop	<= 5.5 V at closed state
Delay first up	<= 70 ms
Delay response	<= 2 ms
Delay recovery	<= 10 ms
Marking	CE
Threaded length	41 mm
Length	70 mm
CAD overall height	30 mm
CAD overall depth	70 mm
Product weight	0.145 kg

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Environment

Product certifications	CCC CSA UL
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...85 °C
Vibration resistance	25 gn amplitude = +/- 2 mm (f = 10...55 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn for 11 ms conforming to IEC 60068-2-27
RoHS EUR status	Compliant
RoHS EUR conformity date	0812