



Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Wiring configuration	2-wire
Output circuit type	AC/DC
Protection type	Short-circuit protection multi voltage
Device application	2-wire DC short-circuit protection
Sensor name	XS2
Sensor design	Cylindrical M8
Body type	Fixed
Detector flush mounting acceptance	Non flush mountable
Material	Metal
Type of output signal	Discrete
Wiring technique	2-wire
Discrete output function	1 NC
Electrical connection	Male connector 1/2"20 UNF, 3 pins
[Us] rated supply voltage	24...210 V DC 24...240 V AC 50/60 Hz
Switching capacity in mA	5...200 mA AC/DC with overload and short-circuit protection

Complementary

Thread type	M8 x 1
Detection face	Frontal
Front material	PPS
Enclosure material	Nickel plated brass
Differential travel	1...15% of Sr
Status LED	Output state: 1 LED (yellow) Supply on: 1 LED (green)
Maximum residual current	1.5 mA open state
Switching frequency	<= 25 Hz DC <= 4000 Hz AC
Maximum voltage drop	<5.5 V (closed state)
Maximum delay first up	70 ms
Marking	CE




Environment

Product certifications	CSA CCC 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 60068-2-7

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	41 g
Package 1 Height	4.5 cm
Package 1 width	7.2 cm
Package 1 Length	8.2 cm

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
Circularity Profile	 End of Life Information