



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
Device application	2-wire DC short-circuit protection
Sensor name	XS1
Sensor design	Cylindrical M18
Size	60 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	0.2 in (5 mm)
Discrete output function	1 NC
Electrical connection	Cable
[Us] rated supply voltage	24...240 V AC 50/60 Hz 24...210 V DC
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	IP68 double insulation conforming to IEC 60529

Complementary

Thread type	M18 x 1
Detection face	Frontal

Front material	PPS
Enclosure material	Nickel plated brass
Operating zone	0...0.16 in (0...4 mm)
Differential travel	1...15% of Sr
Cable composition	2 x 0.34 mm ²
Wire insulation material	PvR
Status LED	1 LED green supply on 1 LED yellow output state
Supply voltage limits	20...264 V AC/DC
Residual current	<= 1.5 mA open state
Switching frequency	<= 2000 Hz DC <= 25 Hz AC
Voltage drop	<= 5.5 V at closed state
Delay first up	<= 70 ms
Delay response	<= 2 ms
Delay recovery	<= 4 ms
Marking	CE
Threaded length	2.01 in (51 mm)
Height	1.18 in (30 mm)
Length	2.36 in (60 mm)

Environment

Product certifications	CCC UL CSA
Ambient air temperature for operation	-40...158 °F (-40...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	00785901910756
Nbr. of units in pkg.	1
Package weight(Lbs)	0.46000000000000002
Returnability	N
Country of origin	FR

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0817 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available

Contractual warranty

Warranty period	18 months
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Product Life Status

END OF COMMERCIALIZATION