



Main

Range of product	OsiSense XS
Series name	Application
Sensor type	Inductive proximity sensor
Device application	-
Sensor name	XSA
Sensor design	Cylindrical M18
Size	81 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Metal
Enclosure material	Nickel plated brass
Type of output signal	Discrete
Wiring technique	2-wire
[Sn] nominal sensing distance	10 mm
Discrete output function	1 NC
Output circuit type	DC
Discrete output type	Namur
Electrical connection	Cable
Cable length	2 m
[Us] rated supply voltage	7 V DC
IP degree of protection	IP67 conforming to IEC 60529

Complementary

Thread type	M18 x 1
Detection face	Frontal
Front material	PPS
Operating zone	0...1.5 mm
Differential travel	3...15% of Fr
Repeat accuracy	3% of Sr
Wire insulation material	PvR
Status LED	Output state: 1 LED (red)

Supply voltage limits	7...12 V DC
Switching frequency	<= 1500 Hz
Maximum voltage drop	<1.8 V (closed)
Run-up delay at power-up	0 s without
Marking	CE
Threaded length	24.5 mm
Height	18 mm
Length	26.5 mm
Product weight	0.05 kg

Environment

Product certifications	CCC CSA
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...80 °C

Offer Sustainability

EU RoHS Directive	Not applicable, out of EU RoHS legal scope
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Contractual warranty

Warranty	18 months
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