



## Main

Range of product	OsiSense XS
Series name	Application
Sensor type	Inductive proximity sensor
Product specific application	-
Sensor name	XS4
Sensor design	Cylindrical M18
Size	40.6 mm
Body type	Fixed
Detector flush mounting acceptance	Non flush mountable
Material	Plastic
Type of output signal	Analogue
Wiring technique	2-wire
[Sd] sensing range	> 4...8 mm
[Sn] nominal sensing distance	8 mm
Discrete output function	1 NC
Output circuit type	DC
Analogue output range	4...20 mA
Electrical connection	Cable
Cable length	2 m
[Us] rated supply voltage	12...24 V DC
IP degree of protection	IP67 conforming to IEC 60529

## Complementary

ISO thread	M18 x 1
Detection face	Frontal
Enclosure material	PBT
Operating zone	0.8...8 mm
Repeat accuracy	<= 3% of Sr
Linearity error	+/- 2 mA
Cable composition	3 x 0.34 mm <sup>2</sup>
Wire insulation material	PvR
Supply voltage limits	10...38 V DC
Switching frequency	<= 500 Hz
Current consumption	4 mA (no-load)
Output current drift	<= 10 %
Marking	CE
Threaded length	26 mm
Length	40.6 mm
CAD overall height	18 mm
CAD overall depth	41 mm
Product weight	0.08 kg

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## Environment

Product certifications	CSA UL
Ambient air temperature for operation	-25...70 °C
RoHS EUR status	Compliant
RoHS EUR conformity date	0811