



### Main

Range of product	OsiSense XS
Series name	Application
Sensor type	Inductive proximity sensor
Product specific application	Selective detection of non ferrous materials
Sensor name	XS1
Sensor design	Cylindrical M18
Size	70 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Stainless steel
Type of output signal	Discrete
Wiring technique	3-wire
[Sd] sensing range	> 4...8 mm
[Sn] nominal sensing distance	5 mm
Discrete output function	1 NO
Output circuit type	DC
Discrete output type	PNP
Electrical connection	4 pins M12 male connector
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Switching capacity in mA	<= 200 mA with overload and short-circuit protection
IP degree of protection	IP67 conforming to IEC 60529

### Complementary

ISO thread	M18 x 1
Detection face	Frontal
Enclosure material	Stainless steel : 304 CU
Operating zone	0...4 mm
Status LED	1 LED yellow for output state
Supply voltage limits	10...38 V DC
Switching frequency	<= 1000 Hz
Voltage drop	<= 2.6 V at closed state
Current consumption	0...15 mA at no-load
Delay first up	<= 10 ms
Delay response	<= 0.3 ms
Delay recovery	<= 0.7 ms
Marking	CE
Threaded length	51.5 mm
Length	60 mm
CAD overall height	18 mm
CAD overall depth	70 mm
Product weight	0.6 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	1104