

## Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Product specific application	-
Sensor name	XS5
Sensor design	Cylindrical M8
Size	33 mm
Body type	Fixed
Flush mountability	Flush mountable
Material	Metal
Type of output signal	Discrete
Wiring techniques	2-wire
Sd sensing range	> 0...2.5 mm
[Sn] nominal sensing distance	1.5 mm
Discrete output function	1 NC
Output circuit type	DC
Electrical connection	Cable
Cable length	2 m
Us rated supply voltage	12...24 V DC with reverse polarity protection
Switching capacity in mA	1.5 - 100 mA DC with overload and short-circuit protection
IP degree of protection	IP67 conforming to IEC 60529

## Complementary

ISO thread	M8 x 1
Detection face	Frontal
Enclosure material	Nickel plated brass
Operating zone	0...1.2 mm
Differential travel	1...15% of Sr
Cable composition	3 x 0.11 mm <sup>2</sup>
Wire insulation material	PvR
Status LED	1 LED (yellow) for output state
Supply voltage limits	10 - 36 V DC
Residual current	<= 0.5 mA, open state
Switching frequency	<= 4000 Hz
Voltage drop	<= 4 V, closed state
Delay first up	<= 10 ms
Delay response	<= 0.2 ms
Delay recovery	<= 0.2 ms
Marking	CE
Threaded length	25 mm
Length	33 mm
CAD overall height	8 mm
CAD overall depth	33 mm

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## Environment

Product certifications	CSA UL
Ambient air temp for op	-25...70 °C
Ambient air temp 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 (duration = 11 ms) conforming to IEC 60068-2-27