Product data sheet
Characteristics

XS1L06PA340S
inductive sensor XS1 Ø6.5 - L42mm - stainless - Sn1.5mm - 12..24VDC - M8

Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Product specific application	-
Sensor name	XS1
Sensor design	Cylindrical Ø 6.5 mm plain
Size	42 mm
Body type	Fixed
Enclosure material	Stainless steel 303
Type of output signal	Discrete
Wiring technique	3-wire
[Sn] nominal sensing distance	1.5 mm
Discrete output function	1 NO
Discrete output type	PNP
Electrical connection	3 pins M8 male connector
[Us] rated supply voltage	12...24 V DC
Switching capacity in mA	≤ 200 mA with overload and short-circuit protection
IP degree of protection	IP67 conforming to IEC 60529

Complementary

Detection face	Frontal
Detector flush mounting acceptance	Flush mountable
Material	Stainless steel
[Sd] sensing range	> 0...2.5 mm
Operating zone	0...1.2 mm
Output circuit type	DC
Status LED	1 LED yellow for output state
Supply voltage limits	10...38 V DC
Switching frequency	<= 5000 Hz
Voltage drop	≤ 2 V at closed state
Current consumption	≤ 10 mA at no-load
Delay first up	≤ 5 ms
Delay response	≤ 1 ms
Delay recovery	≤ 1 ms
Marking	CE
Threaded length	34 mm
Length	42 mm
Product weight	0.01 kg

Environment

Product certifications	CSA UL
Ambient air temperature for operation	-25...70 °C
Ambient air temperature 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 for 11 ms conforming to IEC 60068-2-27
RoHS EUR conformity date	1Q2009
RoHS EUR status	Will be compliant