Product data sheet
Characteristics

XS2M12KP340D
inductive sensor XS2 M12 - L66mm - brass - Sn4mm - 12..24VDC - M12

Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Sensor name	XS2
Sensor design	Cylindrical M12
Size	66 mm
Body type	Fixed
Detector flush mounting acceptance	Non flush mountable
Material	Metal
Type of output signal	Discrete
Wiring technique	4-wire
[Sn] nominal sensing distance	4 mm
Discrete output function	1 NO or 1 NC programmable
Output circuit type	DC
Discrete output type	PNP and NPN
Electrical connection	Male connector M12, 4 pins
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Switching capacity in mA	<= 200 mA overload and short-circuit protection
IP degree of protection	IP67 IEC 60529

Complementary

Thread type	M12 x 1
Detection face	Frontal
Front material	PPS
Enclosure material	Nickel plated brass
Operating zone	0.00…0.13 in (0…3.2 mm)

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Differential travel	1...15% of Sr
Status LED	Output state: 1 LED (yellow)
Supply voltage limits	10…36 V DC
Switching frequency	<= 5000 Hz
Maximum voltage drop	<2.6 V (closed)
Current consumption	0...10 mA no-load
Maximum delay first up	5 ms
Maximum delay response	0.1 ms
Maximum delay recovery	0.1 ms
Marking	CE
Threaded length	1.65 in (42 mm)
Length	2.60 in (66 mm)
Net weight	0.17 lb(US) (0.075 kg) 0.06 lb(US) (0.025 kg)

Environment

Product certifications	CSA UL
Ambient air temperature for operation	-13…158 °F (-25…70 °C)
Ambient air temperature for storage	-40…185 °F (-40…85 °C)
Vibration resistance	25 gn +/- 2 mm 10…55 Hz)IEC 60068-2-6
Shock resistance	50 gn 11 ms IEC 60068-2-27

Packing Units

Package 1 Weight	0.07 lb(US) (0.031 kg)
Package 1 Height	0.410 dm
Package 1 width	0.940 dm
Package 1 Length	0.650 dm

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information

Contractual warranty

Warranty	18 months