

XS612B1MBU20

inductive sensor XS6 M12 - L61mm - brass - Sn4mm - 24..240VAC/DC - 1/2"



Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Product specific application	-
Sensor name	XS6
Sensor design	Cylindrical M12
Size	61 mm
Body type	Fixed
Flush mountability	Flush mountable
Material	Metal
Type of output signal	Discrete
Wiring techniques	2-wire
Sd sensing range	> 2.5...4 mm
[Sn] nominal sensing distance	4 mm
Discrete output function	1 NC
Output circuit type	AC/DC
Electrical connection	Male connector 1/2"20 UNF 3 pins
Us rated supply voltage	24..240 V AC/DC (50/60 Hz)
Switching capacity in mA	5 - 200 mA AC/DC
IP degree of protection	IP67 conforming to IEC 60529 IP69 K conforming to DIN 40050

Complementary

ISO thread	M12 x 1
Detection face	Frontal
Front material	PPS
Enclosure material	Nickel plated brass
Operating zone	0...3.2 mm
Differential travel	1...15% of Sr
Status LED	1 LED (yellow) for output state
Supply voltage limits	20 - 264 V AC/DC
Residual current	<= 0.8 mA, open state
Switching frequency	<= 1000 Hz DC <= 25 Hz AC
Voltage drop	<= 5.5 V, closed state
Delay first up	<= 20 ms
Delay response	<= 0.5 ms
Delay recovery	<= 0.2 ms
Marking	CE
Threaded length	40 mm
Length	61 mm
CAD overall height	12 mm
CAD overall depth	61 mm
Product weight	0.025 kg

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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