

XS612B1MAL5

Inductive proximity sensors XS, inductive sensor XS6 M12, L54mm, brass, Sn4mm, 24...240VAC/DC, cable 5 m

Main

Range of Product	Telemecanique Inductive proximity sensors XS
Series name	General purpose
Sensor Type	Inductive proximity sensor
Sensor name	XS6
Sensor design	Cylindrical M12
Size	54 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Metal
Type of output signal	Discrete
Wiring Technique	2-wire
[Sn] nominal sensing distance	0.2 in (4 mm)
Discrete output function	1 NO
Output circuit type	AC/DC
Electrical connection	Cable
Cable length	16.4 ft (5 m)
[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	IP68 double insulation conforming to IEC 60529 IP69K conforming to DIN 40050

Complementary

Thread type	M12 x 1
Detection face	Frontal
Front material	PPS
Enclosure Material	Nickel Plated Brass
Sensing range	> 0.1...0.16 in (> 2.5...4 mm)
Operating zone	0.0000000000...0.1 in (0...3.2 mm)
Differential travel	1...15% of Sr
Cable composition	2 x 0.34 mm ²
Wire insulation material	PVC
Status LED	Output state 1 LED yellow)
Supply voltage limits	20...264 V AC/DC
Maximum residual current	0.8 mA open state
Switching frequency	<= 1000 Hz DC <= 25 Hz AC
Maximum voltage drop	<5.5 V closed)
Maximum delay first up	20 ms
Maximum delay response	0.5 ms
Maximum delay recovery	0.2 ms
Marking	CE
Threaded length	1.7 in (42 mm)
Length	2.1 in (54 mm)
Product Weight	0.430 lb(US) (0.195 kg)

Environment

Product Certifications	UL[RETURN]CSA
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

Ordering and shipping details

Category	US10DS222486
Discount Schedule	0DS2
GTIN	3389110133622
Returnability	Yes
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.73 in (4.400 cm)
Package 1 Width	4.72 in (12.000 cm)
Package 1 Length	5.04 in (12.800 cm)
Package 1 Weight	5.009 oz (142.000 g)
Unit Type of Package 2	S02
Number of Units in Package 2	22
Package 2 Height	5.91 in (15 cm)
Package 2 Width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)
Package 2 Weight	8.430 lb(US) (3.824 kg)

Offer Sustainability

SCIP Number	3bc2f5da-1620-4d53-878c-410a857f3212
California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
RoHS exemption information	 Yes
Circularity Profile	 End Of Life Information

Contractual warranty

Warranty	18 months
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