

XS1N05NA310

Inductive proximity sensors XS, inductive sensor XS1 M5, L28mm, brass, Sn1mm, 5..24VDC, cable 2m

Main

Range of Product	Telemecanique Inductive proximity sensors XS
Series name	General purpose
Sensor Type	Inductive proximity sensor
Device Application	-
Sensor name	XS1
Sensor design	Cylindrical M5
Size	28 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Metal
Type of output signal	Discrete
Wiring Technique	3-wire
[Sn] nominal sensing distance	0.04 in (1 mm)
Discrete output function	1 NO
Output circuit type	DC
Discrete output type	NPN
Electrical connection	Cable
Cable length	6.6 ft (2 m)
[Us] rated supply voltage	5...24 V DC
Switching capacity in mA	<= 100 mA overload and short-circuit protection
IP degree of protection	IP67 conforming to IEC 60529

Complementary

Thread type	M5 x 0.5
Detection face	Frontal
Front material	PPS
Enclosure Material	Nickel Plated Brass
Operating zone	0.0000000000...0.03 in (0...0.8 mm)
Cable composition	3 x 0.11 mm ²
Wire insulation material	PVC
Status LED	Output state 1 LED yellow)
Supply voltage limits	5...30 V DC
Switching frequency	<= 5000 Hz
Maximum voltage drop	<2 V closed)
Current consumption	<= 10 mA no-load
Maximum delay first up	5 ms
Maximum delay response	1 ms
Maximum delay recovery	1 ms
Marking	CE
Threaded length	0.9 in (24 mm)
Length	1.1 in (28 mm)

Environment

Product Certifications	CSA[RETURN]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

Ordering and shipping details

Category	US10DS222486
Discount Schedule	0DS2
GTIN	3389110911008
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.61 in (4.100 cm)
Package 1 Width	3.74 in (9.500 cm)
Package 1 Length	5.12 in (13.000 cm)
Package 1 Weight	1.129 oz (32.000 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	33.721 oz (956.000 g)

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
----------	-----------