

XS4P12NA9CXTQ

Inductive proximity sensors XS, inductive sensor XS4 M12, 24 VDC, 200 mA + options



Main

Range of Product	Telemecanique Inductive proximity sensors XS
Series name	General purpose
Sensor Type	Inductive proximity sensor
Sensor name	XS4
Sensor design	Cylindrical M12
Size	52 mm
Body type	Fixed
Detector flush mounting acceptance	Non flush mountable
Material	Plastic
Type of output signal	Discrete
Wiring Technique	3-wire
[Sn] nominal sensing distance	0.2 in (4 mm)
Discrete output function	1 NO
Output circuit type	DC
Discrete output type	NPN
Electrical connection	Cable
Cable length	19.7 ft (6 m)
[Us] rated supply voltage	12...48 V DC reverse polarity protection
Switching capacity in mA	<= 200 mA DC overload and short-circuit protection
IP degree of protection	IP68 double insulation conforming to IEC 60529
Sale per indivisible quantity	20

Complementary

Thread type	M12 x 1
Detection face	Frontal
Front material	PPS
Enclosure Material	PPS
Operating zone	0.0000000000...0.1 in (0...3.2 mm)
Differential travel	1...15% of Sr
Cable composition	3 x 0.34 mm ²
Wire insulation material	PVC
Status LED	Output state 1 LED green)
Supply voltage limits	10...58 V DC
Switching frequency	<= 5000 Hz
Maximum voltage drop	<2 V closed)
Current consumption	0...10 mA no-load
Maximum delay first up	10 ms
Maximum delay response	0.1 ms
Maximum delay recovery	0.1 ms
Marking	CE
Threaded length	1.7 in (42 mm)

Height	0.5 in (12 mm)
Length	2.05 in (52 mm)

Environment

Product Certifications	CCC[RETURN]CSA[RETURN]JUL
Ambient Air Temperature for Operation	-40...158 °F (-40...70 °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	3606485374475
Returnability	No
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.03 in (7.7 cm)
Package 1 Width	17.1 in (43.5 cm)
Package 1 Length	11.2 in (28.5 cm)
Package 1 Weight	3.0 oz (85.0 g)
Unit Type of Package 2	CAR
Number of Units in Package 2	20
Package 2 Height	3.03 in (7.7 cm)
Package 2 Width	17.1 in (43.5 cm)
Package 2 Length	11.2 in (28.5 cm)
Package 2 Weight	3.86 lb(US) (1.75 kg)

Offer Sustainability

Sustainable offer status	Green Premium product
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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