

XS508B1DAL5

Inductive proximity sensors XS, inductive sensor XS5 M8, L51mm, stainless, Sn1.5 mm, 12...48 VDC, cable 5 m

Main

Range of Product	Telemecanique Inductive proximity sensors XS
Series name	General purpose
Sensor Type	Inductive proximity sensor
Device Application	-
Sensor name	XS5
Sensor design	Cylindrical M8
Size	51 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Stainless steel
Type of output signal	Discrete
Wiring Technique	2-wire
[Sn] nominal sensing distance	0.06 in (1.5 mm)
Discrete output function	1 NO
Output circuit type	DC
Electrical connection	Cable
Cable length	16.4 ft (5 m)
[Us] rated supply voltage	12...48 V DC
Switching capacity in mA	1.5...100 mA DC overload and short-circuit protection
IP degree of protection	IP67 conforming to IEC 60529

Complementary

Thread type	M8 x 1
Detection face	Frontal
Front material	PPS
Enclosure Material	Stainless steel 303
Operating zone	0.0000000000...0.05 in (0...1.2 mm)
Differential travel	1...15% of Sr
Cable composition	2 x 0.11 mm ²
Wire insulation material	PVC
Status LED	Output state 1 LED yellow)
Supply voltage limits	10...58 V DC
Maximum residual current	0.5 mA open state
Switching frequency	<= 4000 Hz
Maximum voltage drop	<4 V closed)
Maximum delay first up	10 ms
Maximum delay response	0.2 ms
Maximum delay recovery	0.2 ms
Marking	CE
Threaded length	1.7 in (42 mm)
Length	2.008 in (51 mm)
Net Weight	0.342 lb(US) (0.155 kg)

Environment

Product Certifications	CCC[RETURN]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	3389110129182
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.378 in (3.500 cm)
Package 1 Width	4.134 in (10.500 cm)
Package 1 Length	6.063 in (15.400 cm)
Package 1 Weight	2.681 oz (76.000 g)
Unit Type of Package 2	S01
Number of Units in Package 2	11
Package 2 Height	5.9 in (15 cm)
Package 2 Width	5.9 in (15 cm)
Package 2 Length	15.7 in (40 cm)
Package 2 Weight	2.701 lb(US) (1.225 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
Circularity Profile	 End of Life Information
For all Reach Rohs enquiries contact us at	sustainability@tesensors.com

Contractual warranty

Warranty	18 months
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