

XS9C11RMBL01U20

Inductive proximity sensors XS, Rot.
monitoring, 40x40x15, Sn15mm, 6...6000c/mn,
24...240VAC/DC, 1/2" 0.15 m

Main

Range of Product	Telemecanique Inductive proximity sensors XS
Series name	Application
Product or Component Type	Sensor
Sensor Type	Inductive proximity sensor
Device Application	Rotation monitoring
Sensor name	XS9
Sensor design	Flat form 40 x 40 x 15
Size	15 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Plastic
Enclosure Material	PBT
Type of output signal	Discrete
Wiring Technique	2-wire
[Sn] nominal sensing distance	0.6 in (15 mm)
Discrete output function	1 NC
Output circuit type	AC/DC
Electrical connection	Remote male connector 1/2"20 UNF, 3 pins
Cable length	0.49 ft (0.15 m)
[Us] rated supply voltage	24...240 V AC/DC 50/60 Hz
Switching capacity in mA	5...200 mA DC 5...300 mA AC
IP degree of protection	IP67 double insulation conforming to IEC 60529

Complementary

Detection face	Frontal
Front material	PBT
Sensing range	> 0.31...0.59 in (> 8...15 mm)
Adjustable frequency range	6...6000 cyc/mn
Operating zone	0.0000000000...0.5 in (0...12 mm)
Differential travel	3...15% of Fr
Repeat accuracy	3% of Sr
Wire insulation material	PVC
Status LED	Supply on 1 LED green) Output state 1 LED yellow)
Supply voltage limits	20...264 V AC/DC
Maximum residual current	1.5 mA open state
Switching frequency	<= 800 Hz
Maximum voltage drop	<5.5 V closed)
Run-up delay at power-up	9 s standard
Marking	CE
Depth	0.6 in (15 mm)
Height	1.6 in (40 mm)

Width	1.6 in (40 mm)
Net Weight	0.13 lb(US) (0.06 kg)

Environment

Product Certifications	CSA[RETURN]UL[RETURN]CCC
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	3389110143225
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.654 in (4.200 cm)
Package 1 Width	3.819 in (9.700 cm)
Package 1 Length	2.559 in (6.500 cm)
Package 1 Weight	3.175 oz (90.000 g)
Unit Type of Package 2	S01
Number of Units in Package 2	8
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	32.240 oz (914.000 g)

Offer Sustainability

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
For all Reach Rohs enquiries contact us at	sustainability@tesensors.com

Contractual warranty

Warranty	18 months
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