Product data sheet
Characteristics

XS9E11RMBL01U20
Rot. monitoring - 26x26x13 - Sn10mm - 6..6000c/mn - 24..240VAC/DC - 1/2" 0.15m



Main

Range of product	OsiSense XS
Series name	Application
Sensor type	Inductive proximity sensor
Device application	Rotation monitoring
Sensor name	XS9
Sensor design	Flat form 26 x 26 x 13
Size	13 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	10 mm
Discrete output function	1 NC
Output circuit type	AC/DC
Electrical connection	Remote male connector 1/2"20 UNF, 3 pins
Cable length	0.15 m
[Us] rated supply voltage	24...240 V AC/DC 50/60 Hz
Switching capacity in mA	5...100 mA AC/DC
IP degree of protection	IP67 double insulation conforming to IEC 60529

Complementary

Detection face	Frontal
Front material	PBT
Adjustable frequency range	6…6000 cyc/mn
Operating zone	0…8 mm
Differential travel	3...15% of Fr
Repeat accuracy	3% of Sr
Wire insulation material	PvR
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	13 mm
Height	26 mm
Width	26 mm
Net weight	0.04 kg

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
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Environment

Product certifications	CSA UL CCC
Ambient air temperature for operation	-25…70 °C
Ambient air temperature for storage	-40…85 °C
Vibration resistance	25 gn amplitude = +/- 2 mm (f = 10…55 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn for 11 ms conforming to IEC 60068-2-27

Packing Units

Package 1 Weight	62 g
Package 2 Weight	3.032 kg

Offer Sustainability

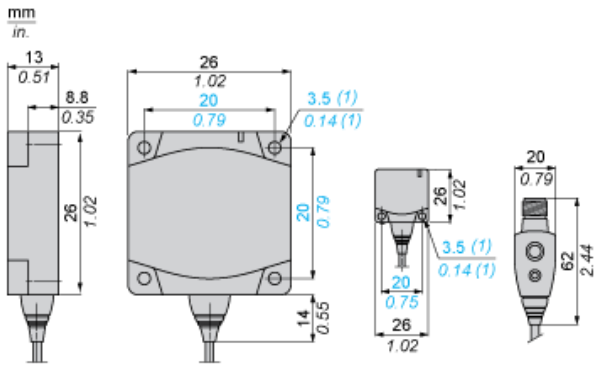
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes

Contractual warranty

Warranty	18 months

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Dimensions

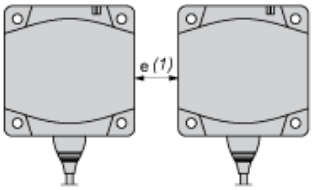


(1) For CHC type screws

Setting-up

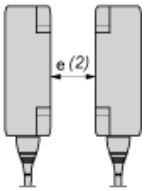
Minimum Mounting Distances (mm)

Side by Side



e (1) 40
≥

Face to Face



e (2) 80
≥

Wiring Schemes

2-Wire DC (Non Polarised)

