

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
Sensing range	> 8...15 mm
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




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

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	62 g
Package 1 Height	4.2 cm
Package 1 width	6.8 cm
Package 1 Length	9.5 cm
Unit Type of Package 2	S02
Number of Units in Package 2	44
Package 2 Weight	3.032 kg
Package 2 Height	15 cm
Package 2 width	30 cm
Package 2 Length	40 cm

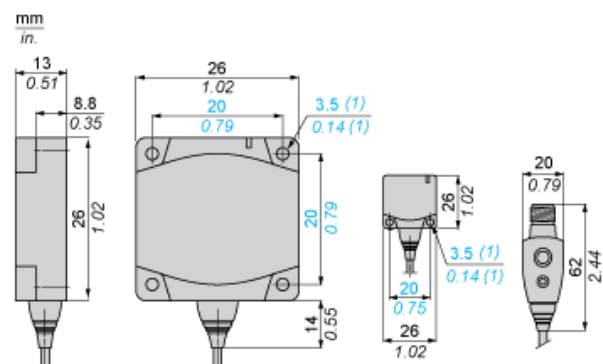
Offer Sustainability

REACH Regulation	 REACH Declaration
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

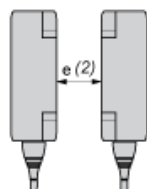
Minimum Mounting Distances (mm)

Side by Side



$e (1) \geq 40$

Face to Face



$e (2) \geq 80$

Wiring Schemes

2-Wire DC (Non Polarised)

