

Product data sheet

Characteristics

XS9E11RMBL01U20

induc. sensor XS9 - 26x26x13 - Sn10mm - 6..6000c/mn - 24..240VAC/DC - 1/2" 0.15m

Product availability: Non-Stock - Not normally stocked in distribution facility



Main

Commercial Status	Commercialised
Range of product	OsiSense XS
Series name	Application
Sensor type	Inductive proximity sensor
Product specific 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	0.39 in (10 mm)
Discrete output function	1 NC
Output circuit type	AC/DC
Electrical connection	3 pins 1/2"20 UNF remote male connector
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...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...0.31 in (0...8 mm)
Differential travel	3...15% of Sr
Repeat accuracy	3% of Sr
Wire insulation material	PvR
Status LED	1 LED yellow for output state 1 LED green for supply on
Supply voltage limits	20...264 V AC/DC
Residual current	<= 1.5 mA for open state
Switching frequency	<= 800 Hz
Voltage drop	<= 5.5 V at closed state
Run up delay at power up	9 s standard
Marking	CE
Depth	0.51 in (13 mm)
Height	1.57 in (40 mm)
Width	1.02 in (26 mm)
Product weight	0.09 lb(US) (0.04 kg)

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Environment

Product certifications	CCC CSA UL
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 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

Ordering and shipping details

Category	22486 - SENSORS, PROXIMITY
Discount Schedule	DS2
GTIN	00785901446187
Nbr. of units in pkg.	1
Package weight(Lbs)	0.13
Product availability	Non-Stock - Not normally stocked in distribution facility
Returnability	N
Country of origin	FR

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS	Compliant - since 1104 - Schneider Electric declaration of conformity

Contractual warranty

Period	18 months
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