

Product data sheet

XS9E11RPBL01M12

Inductive sensor, XS9, 26x26x13 mm, Sn 10 mm, PNP, NC, M12 connector, 0.15 m lead, form E flat, 12...24 VDC

Main

Range of product	Telemecanique Inductive proximity sensors XS
Series name	Application
Sensor name	XS9
Sensor type	Inductive proximity sensor
Product or component type	Sensor
Sensor design	Flat form 26 x 26 x 13
Device application	Rotation monitoring
ETIM classification	ETIM 9 - EC002714 - Inductive proximity switch
Body type	Fixed
Material	Plastic
Front material	PBT
Enclosure material	PBT
[Sn] nominal sensing distance	10 mm
Wiring technique	3-wire
Detector flush mounting acceptance	Flush mountable
Product certifications	CSA UL
Marking	CE
Indivisible sale quantity	1

Complementary

Sensing range	8...15 mm
Repeat accuracy	<= 3% of Sr
Electrical connection	Remote male connector M12, 4 pins
Cable length	0.15 m
Wire insulation material	PVC
Supply voltage limits	10-36 V DC
[Us] rated supply voltage	12...24 V DC
Switching capacity in mA	<= 100 mA

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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.
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Voltage drop	<2 V (closed)
Current consumption	0...10 mA no-load
Status LED	Supply on: 1 LED (green), output state: 1 LED (yellow)
Output circuit type	DC
Type of output signal	Discrete
Detection face	Frontal
Discrete output type	PNP
Discrete output function	1 NC
Switching frequency	<= 800 Hz
Differential travel	3...15% of Fr
Residual current	100 mA open state
Run-up delay at power-up	9 s standard
Height	26 mm
Width	26 mm
Depth	13 mm
Size	13 mm
Product weight	0.04 kg

Environment

IP degree of protection	IP67 double insulation conforming to IEC 60529
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...85 °C
Shock resistance	50 gn for 11 ms conforming to IEC 60068-2-27
Vibration resistance	25 gn amplitude = +/- 2 mm (f = 10-55 Hz) conforming to IEC 60068-2-6

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

Warranty

Warranty	18 months

Packing Units

Country of origin	FR (France)
Unit type of package 1	PCE
Number of units in package 1	1
New Package 1 GTIN-13	3666916009307
Package 1 height	4.2 cm

Package 1 width	6.4 cm
Package 1 length	9 cm
Package 1 weight	0.061 kg
Unit type of package 2	S01
Number of units in package 2	22
New Package 2 GTIN 14	13666916009304
Package 2 height	15 cm
Package 2 width	15 cm
Package 2 length	40 cm
Package 2 weight	1.528 kg
Unit type of package 3	S02
Number of units in package 3	44
New Package 3 GTIN 14	23666916009301
Package 3 height	15 cm
Package 3 width	30 cm
Package 3 length	40 cm
Package 3 weight	3.183 kg