

Product data sheet

XSAV12373L10EX

Inductive rotation sensor, XSAV, D30, Sn 10 mm, NC, cable 10 m, 120...3000 c/min, hazardous area dust, ATEX, rotation monitoring

Main

Range of product	Telemecanique Inductive proximity sensors XS
Series name	Application
Sensor name	XSA
Sensor type	Inductive proximity sensor
Sensor design	Cylindrical M30
Device application	Rotation monitoring ATEX dust
ETIM classification	ETIM 9 - EC002714 - Inductive proximity switch
Body type	Fixed
Material	Metal
Front material	PPS
Enclosure material	Nickel plated brass
[Sn] nominal sensing distance	10 mm
Wiring technique	3-wire
Detector flush mounting acceptance	Flush mountable
Thread type	M30 x 1.5
Product certifications	IEC-Ex INE 17.0006 INERIS 04ATEX0022
Marking	II2 D-Ex tb IIIC T90°C Db IP67
Directives	2014/34/EU - ATEX directive
Standards	IEC 60079-0 IEC 60079-31
Indivisible sale quantity	1

Complementary

Sensing range	8...15 mm
Repeat accuracy	<= 3% of Sr
Electrical connection	Cable
Cable length	10 m
Cable composition	3 x 0.34 mm²
Wire insulation material	PVC

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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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Supply voltage limits	10-58 V DC
[Us] rated supply voltage	12...48 V DC with reverse polarity protection
Switching capacity in mA	<= 200 mA with overload and short-circuit protection
Voltage drop	<1.8 V (closed)
Current consumption	0...15 mA no-load
Status LED	Output state: 1 LED (red)
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
Threaded length	57 mm
Run-up delay at power-up	9 s standard
Length	81 mm
Size	30 mm
Product weight	0.3 kg

Environment

Environmental characteristic	Hazardous location
IP degree of protection	IP67 conforming to IEC 60529
Ambient air temperature for operation	-20...60 °C
Dust zone	Zone 21 - 22

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	3666916019450
Package 1 height	6.7 cm
Package 1 width	9.6 cm

Package 1 length	1.32 cm
Package 1 weight	0.56 kg
Unit type of package 2	S03
Number of units in package 2	22
New Package 2 GTIN 14	13666916019457
Package 2 height	30 cm
Package 2 width	30 cm
Package 2 length	40 cm
Package 2 weight	13.033 kg
Unit type of package 3	CAR
Number of units in package 3	1
New Package 3 GTIN 14	23666916019454
Package 3 height	6.7 cm
Package 3 width	1.3 cm
Package 3 length	9.6 cm
Package 3 weight	0.56 kg