

Product data sheet

XSAV11801EX

Inductive rotation sensor, XSAV, M30, Sn 10 mm, NC, cable 2 m, 6...150 c/min, 2 wires, ATEX, rotation monitoring

Main

Range of product	Telemecanique Inductive proximity sensors XS
Series name	Application
Sensor name	XSA
Sensor type	Inductive proximity sensor
Product or component type	Sensor
Sensor design	Cylindrical M30
Device application	Rotation monitoring
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	2-wire
Detector flush mounting acceptance	Flush mountable
Thread type	M30 x 1.5
Product certifications	IEC-Ex INE 17.0006 INERIS 04ATEX0022X
Marking	II2 D-Ex tb IIIC T85°C Db IP67
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	2 m
Cable composition	2 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	20-264 V AC/DC
[Us] rated supply voltage	24...210 V DC, 24...240 V AC 50/60 Hz
Switching capacity in mA	5...200 mA DC, 5...350 mA AC
Voltage drop	<5.7 V (closed)
Status LED	Output state: 1 LED (red)
Output circuit type	AC/DC
Type of output signal	Discrete
Detection face	Frontal
Discrete output function	1 NC
Switching frequency	<= 100 Hz
Differential travel	3...15% of Fr
Residual current	1.5 mA open state
Threaded length	67 mm
Run-up delay at power-up	9 s standard
Length	81 mm
Size	81 mm
Product weight	0.3 kg

Environment

IP degree of protection	IP67 conforming to IEC 60529
Ambient air temperature for operation	-20...60 °C
Ambient air temperature for storage	-25...70 °C

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	3666916009215
Package 1 height	6 cm
Package 1 width	9 cm
Package 1 length	20 cm

Package 1 weight	0.242 kg
Unit type of package 2	S02
Number of units in package 2	20
New Package 2 GTIN 14	13666916009212
Package 2 height	15 cm
Package 2 width	30 cm
Package 2 length	40 cm
Package 2 weight	5.295 kg
Unit type of package 3	CAR
Number of units in package 3	1
New Package 3 GTIN 14	23666916009219
Package 3 height	6 cm
Package 3 width	20 cm
Package 3 length	9 cm
Package 3 weight	0.242 kg