

Product data sheet

XSAV12373

Inductive rotation sensor, XSAV, M30, Sn 10 mm, cable 2 m, 120...3000 c/min, 12...48 VDC, 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	3-wire
Detector flush mounting acceptance	Flush mountable
Thread type	M30 x 1.5
Product certifications	CCC CSA UL
Marking	CE
Range compatibility	TE INDTIVE PROX SSRS XS
Indivisible sale quantity	1

Complementary

Sensing range	8...15 mm
Repeat accuracy	<= 3% of Sr
Electrical connection	Cable
Cable length	2 m
Cable composition	3 x 0.34 mm²
Wire insulation material	PVC

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
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.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
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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	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	-25...70 °C
Ambient air temperature for storage	-40...85 °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

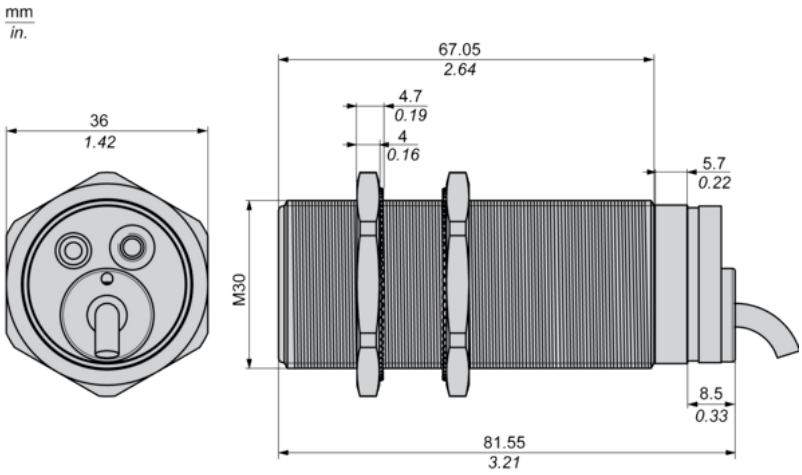
Packing Units

Country of origin	FR (France)
Unit type of package 1	PCE
Number of units in package 1	1
New Package 1 GTIN-13	3666916009178
Package 1 height	4.1 cm
Package 1 width	9.5 cm

Package 1 length	13.2 cm
Package 1 weight	0.232 kg
Unit type of package 2	S02
Number of units in package 2	22
New Package 2 GTIN 14	13666916009175
Package 2 height	15 cm
Package 2 width	30 cm
Package 2 length	40 cm
Package 2 weight	5.387 kg
Unit type of package 3	CAR
Number of units in package 3	1
New Package 3 GTIN 14	23666916009172
Package 3 height	13.2 cm
Package 3 width	4.1 cm
Package 3 length	9.5 cm
Package 3 weight	0.23 kg

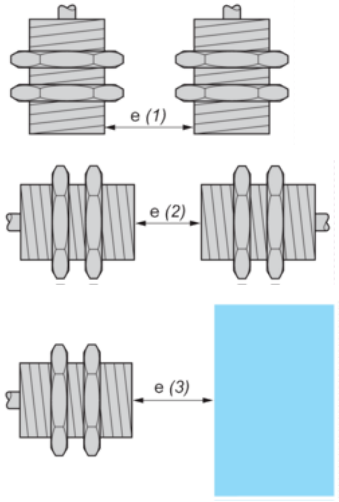
Technical Drawings

Dimensions



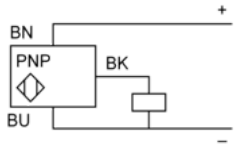
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Minimum Mounting Distances



Side by side
e (1) ≥
Face to face
e (2) ≥
Facing a metal object
e (3) ≥

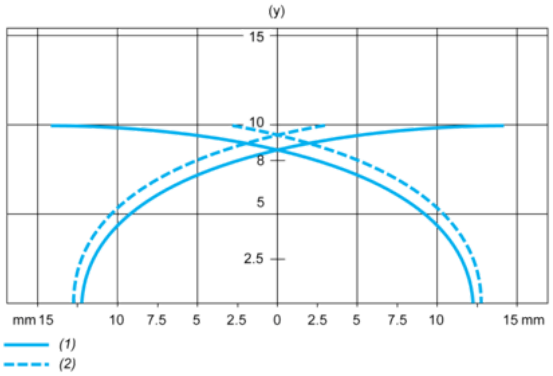
Wiring Schemes



3-wire DC
BU :
BN :
BK :

Performance Curves

Standard Steel Target : 30x30x1 mm



(1)
(2)
(y)