

Product data sheet

Specifications



Inductive proximity sensors XS, Rot. monitoring, M30, Sn10mm, 6...150 c/mn, 110...240 VAC, cable

XSAV1562514

Main

Range of product	Telemecanique Inductive proximity sensors XS
Series name	Application
Product or component type	Sensor
Sensor type	Inductive proximity sensor
Device application	Rotation monitoring
Sensor name	XSA
Sensor design	Cylindrical M30
Size	81 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Metal
Enclosure material	Nickel plated brass
Type of output signal	Discrete
Wiring technique	2-wire
[Sn] nominal sensing distance	0.39 in (10 mm)
Electrical connection	Cable
[Us] rated supply voltage	110...240 V AC
Switching capacity in mA	5...200 mA DC 5...350 mA AC
IP degree of protection	IP67 IEC 60529

Complementary

Thread type	M30 x 1.5
Detection face	Frontal
Front material	PPS
Sensing range	> 8...15 mm
Adjustable frequency range	6...150 cyc/mn
Operating zone	0.00...0.31 in (0...8 mm)
Differential travel	3...15% of Fr

Repeat accuracy	3% of Sr
Status LED	Output state 1 LED red)
Supply voltage limits	20...264 V AC/DC
Maximum residual current	1.5 mA open state
Switching frequency	<= 800 Hz
Maximum voltage drop	<5.7 V closed)
Current consumption	0...15 mA no-load
Run-up delay at power-up	9 s standard
Marking	CE
Threaded length	2.64 in (67 mm)
Length	3.19 in (81 mm)
Net weight	0.66 lb(US) (0.3 kg)

Environment

Product certifications	CCC CSA
Ambient air temperature for operation	-13...158 °F (-25...70 °C)

Packing Units

Unit Type of Package 1	Db
Number of Units in Package 1	1
Package 1 Height	1.65 in (4.2 cm)
Package 1 Width	3.78 in (9.6 cm)
Package 1 Length	5.28 in (13.4 cm)
Package 1 Weight	7.97 oz (226.0 g)
Unit Type of Package 2	CAR
Number of Units in Package 2	20
Package 2 Height	5.83 in (14.8 cm)
Package 2 Width	11.26 in (28.6 cm)
Package 2 Length	15.12 in (38.4 cm)
Package 2 Weight	10.72 lb(US) (4.862 kg)

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information

Recommended replacement(s)