Product data sheet
Characteristics

XSAV12801
inductive sensor XSAV - M30 - Sn10mm - 120..3000c/mn - 24..240VAC/DC - cable 2m

Main

Range of product	OsiSense XS
Series name	Application
Sensor type	Inductive proximity sensor
Product specific 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
[Sd] sensing range	> 8...15 mm
[Sn] nominal sensing distance	10 mm
Discrete output function	1 NC
Output circuit type	AC/DC
Electrical connection	Cable
Cable length	2 m
[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
IP degree of protection	IP67 conforming to IEC 60529

Complementary

ISO thread	M30 x 1.5
Detection face	Frontal
Adjustable frequency range	120...3000 cyc/mn
Operating zone	0...8 mm
Differential travel	3...15% of Fr
Repeat accuracy	3% of Sr
Cable composition	2 x 0.34 mm²
Wire insulation material	PvR
Status LED	1 LED red for output state
Supply voltage limits	20...264 V AC/DC
Residual current	<= 1.5 mA for open state
Switching frequency	<= 800 Hz
Voltage drop	<= 5.7 V at closed state
Run up delay at power up	9 s standard
Marking	CE
Threaded length	57 mm
Length	81 mm
CAD overall height	30 mm
CAD overall depth	81 mm
Product weight	0.3 kg

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Environment

Product certifications	CCC CSA UL
Ambient air temperature for operation	-25...70 °C
RoHS EUR status	Compliant
RoHS EUR conformity date	0846

Schneider Electric