Product data sheet Characteristics

XSAV12801

Rot. monitoring - M30 - Sn10mm - 120..3000c/ mn - 24..240VAC/DC - cable 2m





Main

Range of product	OsiSense XS
Series name	Application
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	10 mm
Discrete output function	1 NC
Output circuit type	AC/DC
Electrical connection	Cable
Cable length	6.56 ft (2 m)
[Us] rated supply voltage	24210 V DC 24240 V AC 50/60 Hz
Switching capacity in mA	5200 mA DC 5350 mA AC
IP degree of protection	IP67 conforming to IEC 60529

Complementary

Complementary	
Thread type	M30 x 1.5
Detection face	Frontal
Front material	PPS
Sensing range	> 0.310.59 in (> 815 mm)
Adjustable frequency range	1203000 cyc/mn
Operating zone	0.000.31 in (08 mm)
Differential travel	315% of Fr
Repeat accuracy	3% of Sr
Cable composition	2 x 0.34 mm²
Wire insulation material	PvR
Status LED	Output state 1 LED red)
Supply voltage limits	20264 V AC/DC
Maximum residual current	1.5 mA open state
Switching frequency	<= 800 Hz
Maximum voltage drop	<5.7 V (closed)
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	CSA UL CCC
Ambient air temperature for operation	-13158 °F (-2570 °C)
Ambient air temperature for storage	-40185 °F (-4085 °C)

Ordering and shipping details

Category	22486 - SENSORS, PROXIMITY
Discount Schedule	DS2
GTIN	00785901528043
Nbr. of units in pkg.	1
Package weight(Lbs)	0.5 lb(US) (0.23 kg)
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE	
Package 1 Height	1.65 in (4.2 cm)	
Package 1 width	3.78 in (9.6 cm)	
Package 1 Length	5.20 in (13.2 cm)	

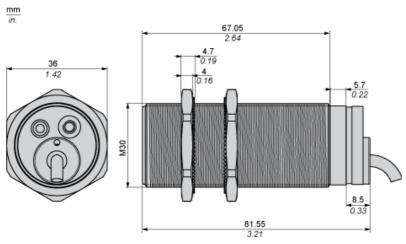
Offer Sustainability

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

Contractual warranty

Warranty	18 months

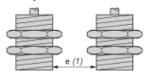
Dimensions



(1) LED

Minimum Mounting Distances

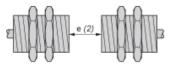
Side by side



e (1) 20 mm/0.79 in

2

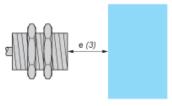
Face to face



e (2) 120 mm/4.72 in

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Facing a metal object



e (3) 30 mm/1.18 in.

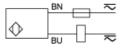
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Product data sheet Connections and Schema

XSAV12801

Wiring Schemes

2-wire AC or DC

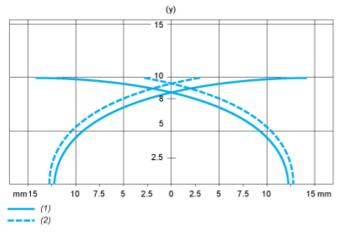


BU: Blue BN: Brown

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Performance Curves

Standard Steel Target: 30x30x1 mm



- (1) Pick-up points(2) Drop-out points (object approaching from the side)
- (y) Sensing distance in mm