XSAV02801

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

Green Premium™ Product

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	0.39 in (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	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 IEC 60529

Complementary

Thread type	M30 x 1.5
Detection face	Frontal
Front material	PPS
Adjustable frequency range	120…3000 cyc/mn
Operating zone	0.00…0.31 in (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	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)
Run-up delay at power-up	0 s without
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	UL CCC CSA
Ambient air temperature for operation	-13…158 °F (-25…70 °C)
Ambient air temperature for storage	-40…185 °F (-40…85 °C)

Ordering and shipping details

Category	22486 - SENSORS, PROXIMITY
Discount Schedule	DS2
GTIN	00785901858942
Nbr. of units in pkg.	1
Package weight(Lbs)	0.55 lb(US) (0.25 kg)
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	5.12 in (13 cm)
Package 1 width	3.62 in (9.2 cm)
Package 1 Length	1.81 in (4.6 cm)
Unit Type of Package 2	S01
Number of Units in Package 2	9
Package 2 Weight	4.94 lb(US) (2.24 kg)
Package 2 Height	5.91 in (15 cm)
Package 2 width	5.91 in (15 cm)
Package 2 Length	15.75 in (40 cm)

Offer Sustainability

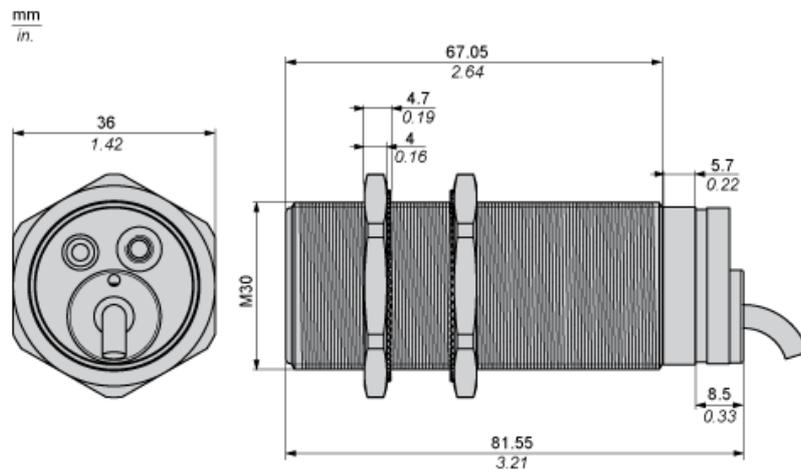|	
Sustainable offer status	Green Premium product
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information

Contractual warranty

Warranty	18 months

Dimensions

mm
in.

67.05
2.64

36
1.42
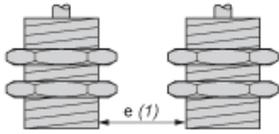
4.7
0.19

4
0.16

5.7
0.22

M30

8.5
0.33

81.55
3.21

(1)   LED

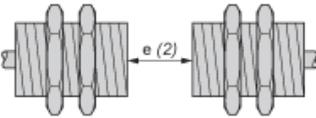## Minimum Mounting Distances

Side by side
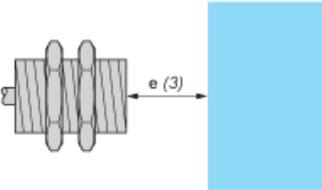
e (1) 20 mm/0.79 in
≥

Face to face

e (2) 120 mm/4.72 in
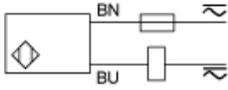≥

Facing a metal object

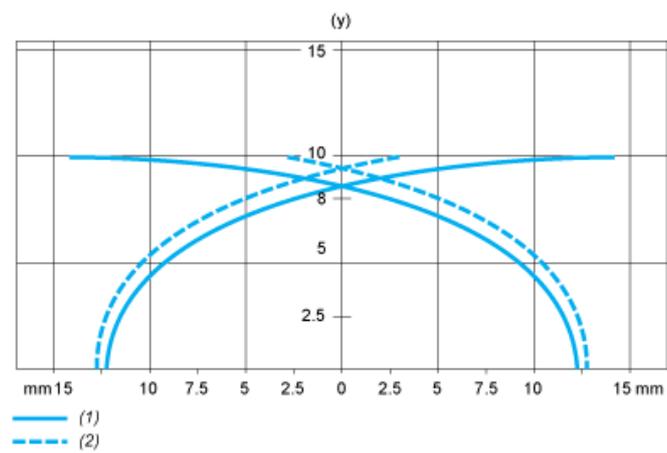e (3) 30 mm/1.18 in.
≥

Wiring Schemes

2-wire AC or DC

BU : Blue
BN : Brown

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