XSAV01373L10

Rot. monitoring - M30 - Sn10mm - 6..150c/mn - 12..48VDC - cable 10m

Product Life Status :   END OF STANDARD SERVICE

TODAY
FEB 21, 2021

End of Commercialization
DEC 08, 2020

End of Standard Service
DEC 08, 2020

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	3-wire
[Sn] nominal sensing distance	10 mm
Discrete output function	1 NC
Output circuit type	DC
Discrete output type	PNP
Electrical connection	Cable
Cable length	10 m
[Us] rated supply voltage	12...48 V DC with reverse polarity protection
Switching capacity in mA	<= 200 mA with overload and short-circuit protection
IP degree of protection	IP67 conforming to 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…8 mm

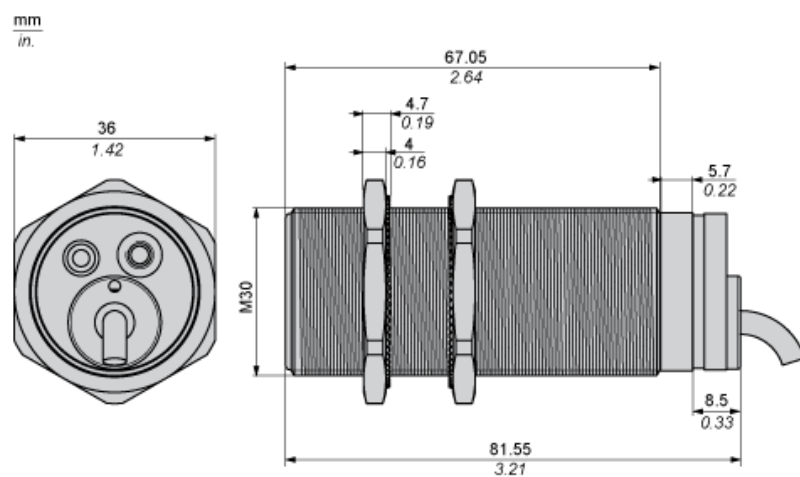|	
Differential travel	3...15% of Fr
Repeat accuracy	3% of Sr
Cable composition	3 x 0.34 mm²
Wire insulation material	PvR
Status LED	Output state: 1 LED (red)
Supply voltage limits	10…58 V DC
Switching frequency	<= 100 Hz
Maximum voltage drop	<1.8 V (closed)
Current consumption	0...15 mA no-load
Run-up delay at power-up	0 s without
Marking	CE
Threaded length	67 mm
Length	81 mm
Net weight	0.3 kg

Environment

Product certifications	CSA UL CCC
Ambient air temperature for operation	-25…70 °C
Ambient air temperature for storage	-40…85 °C

Contractual warranty

Warranty	18 months

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Dimensions

mm
in.
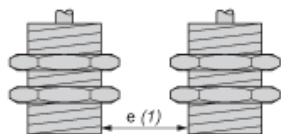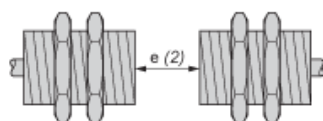

(1)   LED

Minimum Mounting Distances

Side by side

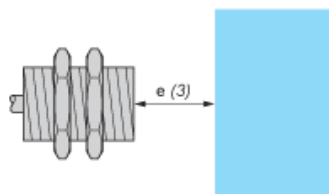e (1) 20 mm/0.79 in
≥

Face to face

e (2) 120 mm/4.72 in
≥

Facing a metal object

e (3) 30 mm/1.18 in.
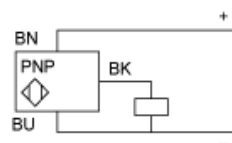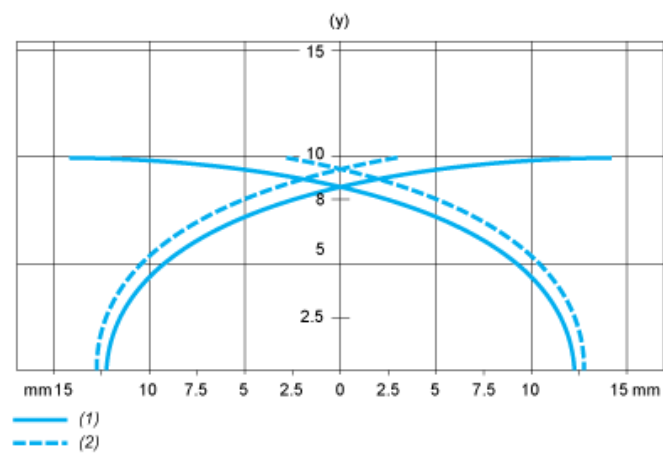≥

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Wiring Schemes

5

3-wire DC

BU : Blue
BN : Brown
BK : Black

XSAV01373L10

Performance Curves

Standard Steel Target : 30x30x1 mm

— (1)
- - - (2)

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

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