XS630B2NAL01M12

inductive sensor XS6 M30 - L63mm - brass - Sn18mm - 12..24VDC - M12 0.15m

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Range of product	OsiSense XS
Series name	Application
Sensor type	Inductive proximity sensor
Device application	-
Sensor name	XS6
Sensor design	Cylindrical M30
Size	63 mm
Body type	Fixed
Detector flush mounting acceptance	Non flush mountable
Material	Metal
Type of output signal	Discrete
Wiring technique	3-wire
[Sn] nominal sensing distance	0.43 in (11 mm) flush mountable 0.71 in (18 mm) non flush mountable
Discrete output function	1 NO
Output circuit type	DC
Discrete output type	NPN
Electrical connection	Remote male connector M12 4 pins
Cable length	0.49 ft (0.15 m)
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Switching capacity in mA	<= 100 mA DC with overload and short-circuit protection
IP degree of protection	IP67 double insulation conforming to IEC 60529 IP69K conforming to DIN 40050

Complementary

Thread type	M30 x 1.5
Detection face	Frontal
Front material	PPS
Enclosure material	Nickel plated brass
Fine adjustment zone	0.24...0.43 in (6...11 mm) flush mountable 0.24...0.71 in (6...18 mm) non flush mountable
Differential travel	1...15% of Sr
Cable composition	3 x 0.34 mm²
Wire insulation material	PvR
Status LED	1 LED (green) supply on and teach mode 1 LED (yellow) output state
Supply voltage limits	10...36 V DC
Switching frequency	<= 1000 Hz
Voltage drop	<= 2 V, closed state
Current consumption	<= 10 mA (no-load)
Delay first up	<= 10 ms
Delay response	<= 0.3 ms
Delay recovery	<= 0.7 ms
Marking	CE
Threaded length	1.61 in (41 mm)

Length	2.48 in (63 mm)
Product weight	0.49 lb(US) (0.22 kg)

Environment

Product certifications	CSA UL
Ambient air temperature for operation	-13...158 °F (-25...70 °C)
Ambient air temperature for storage	-40...185 °F (-40...85 °C)
Vibration resistance	25 gn, amplitude: +/- 2 mm (f = 10...55 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn (duration = 11 ms) conforming to IEC 60068-2-27

Ordering and shipping details

Category	22486 - SENSORS, PROXIMITY
Discount Schedule	DS2
GTIN	00785901509776
Nbr. of units in pkg.	1
Package weight(Lbs)	0.39000000000000001
Returnability	N
Country of origin	FR

Offer Sustainability

RoHS (date code: YYWW)	Will be compliant on 3Q2013
Product environmental profile	Available
Product end of life instructions	Available
California proposition 65	WARNING: This product can expose you to chemicals including:
- - - - - - - Substance 1	Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and
- - - - - - - Substance 2	Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.
- - - - - - - More information	For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period	18 months

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Dimensions

mm
in.

54.1
2.13

41.1
1.62

4.7
0.19

4
0.16

6
0.24

(1)

36
1.42

M30

13
0.51

5.7
0.22

66.1
2.60

Ø13.5
Ø0.53

46.8
1.84

Ø14.8
Ø0.58

(1)   LED
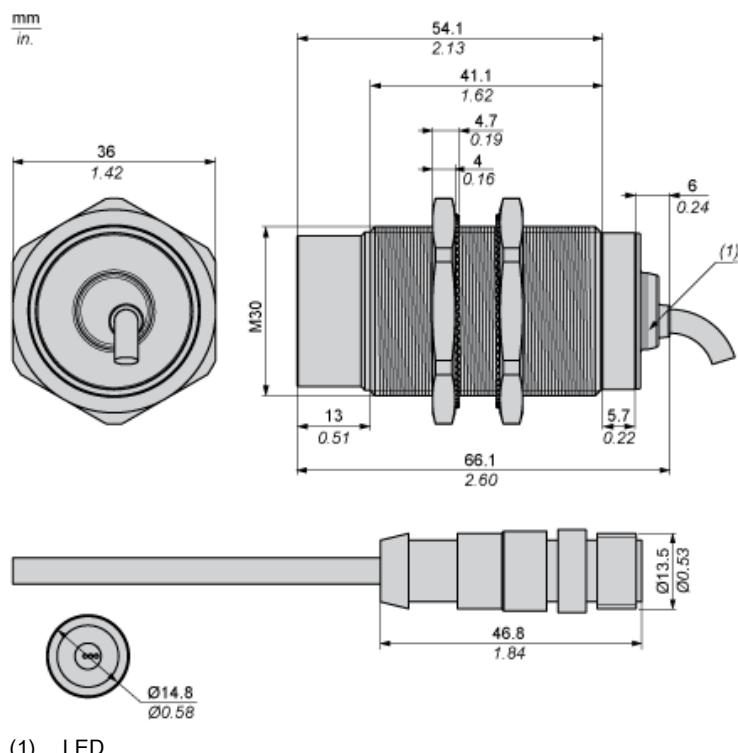
Minimum Mounting Distances in mm

Side by side
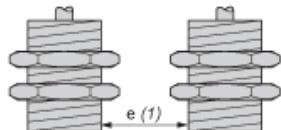
e (1) 48 mm/1.89 in.
≥

Face to face
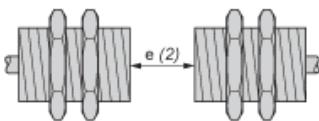
e (2) 180 mm/7.09 in.
≥

Facing a metal object
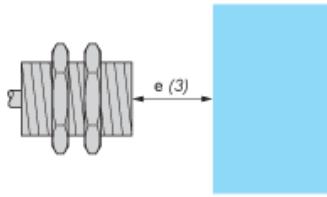
e (3) 11 mm/0.43 in.
≥

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Wiring Schemes

M12 connector
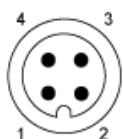
NPN
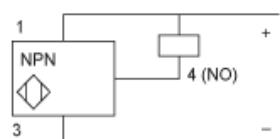
1 : (+)
2 : Not connected
3 : (-)
4 : NO Output

Mouser Electronics

Authorized Distributor

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