XS630B3DAM12

inductive sensor XS6 M30 - L55mm - brass - Sn15mm - 12..24VDC - M12

Green Premium

Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Device application	-
Sensor name	XS6
Sensor design	Cylindrical M30
Size	55 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Metal
Type of output signal	Discrete
Wiring technique	2-wire
[Sn] nominal sensing distance	15 mm
Discrete output function	1 NO
Output circuit type	DC
Electrical connection	Male connector M12 4 pins
[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 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
Operating zone	0...12 mm

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Differential travel	1...15% of Sr
Status LED	1 LED (yellow) for output state
Supply voltage limits	10...36 V DC
Switching frequency	<= 500 Hz DC
Voltage drop	<= 4 V, closed state
Delay first up	<= 10 ms
Delay response	<= 0.3 ms
Delay recovery	<= 0.3 ms
Marking	CE
Threaded length	32 mm
Length	55 mm
Product weight	0.13 kg

Environment

| Product certifications	CSA UL
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-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

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1004 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available Product environmental
Product end of life instructions	Available End of life manual

Contractual warranty

Warranty period	18 months

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Dimensions

(1)　　　LED
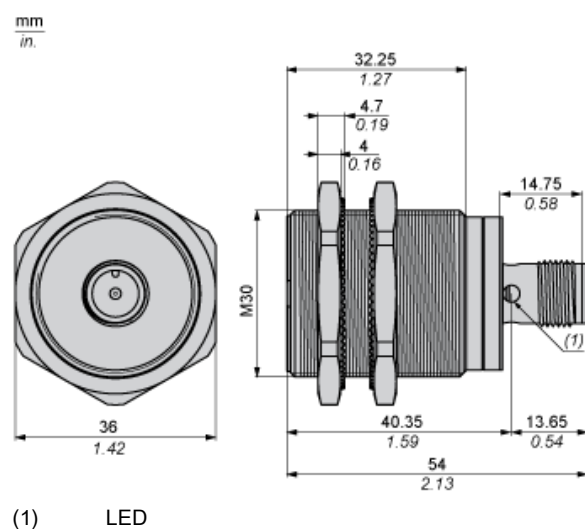
Minimum Mounting Distances

Side by side

e (1) ≥ 30 mm/1.18 in.

Face to face

e (2) ≥ 180 mm/7.09 in.

Facing a metal object

e (3) ≥ 45 mm/1.77 in.

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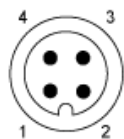
Wiring Schemes

2-Wire Non-polarised

M12 connector

NO output