XS618B3DBM12

inductive sensor XS6 M18 - L50mm - brass - Sn8mm - 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 M18
Size	50 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	8 mm
Discrete output function	1 NC
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	M18 x 1
Detection face	Frontal
Front material	PPS
Enclosure material	Nickel plated brass
Operating zone	0...6.4 mm

Differential travel	1...15% of Sr
Status LED	1 LED (yellow) for output state
Supply voltage limits	10...36 V DC
Switching frequency	<= 1000 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	28 mm
Length	50 mm

Environment

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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

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Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0936 - 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 End of Life Information
Product end of life instructions	Available

Contractual warranty

Warranty period	18 months

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Dimensions

(1)   LED
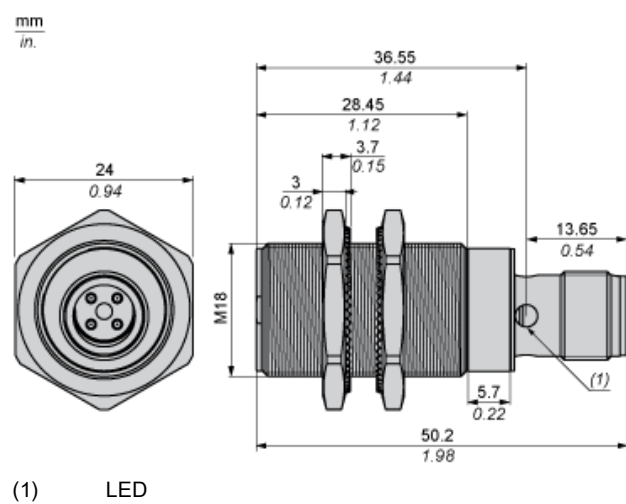
Minimum Mounting Distances

Side by side
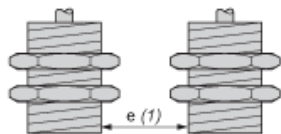
e (1) ≥   16 mm/0.63 in.

Face to face
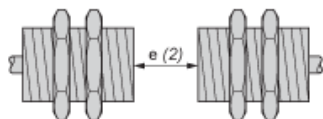
e (2) ≥   100 mm/3.94 in.

Facing a metal object
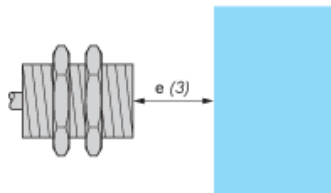
e (3) ≥   25 mm/0.98 in

Wiring Schemes

2-Wire Non-polarised

M12 connector

NC output