XS618B2PAL01M12

inductive sensor XS6 M18 - L60mm - brass - Sn9mm - 12..24VDC - M12 0.15m

Main

Range of product	OsiSense XS
Series name	Application
Sensor type	Inductive proximity sensor
Device application	-
Sensor name	XS6
Sensor design	Cylindrical M18
Size	60 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	6 mm flush mountable 9 mm non flush mountable
Discrete output function	1 NO
Output circuit type	DC
Discrete output type	PNP
Electrical connection	Remote male connector M12 4 pins
Cable length	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	M18 x 1
Detection face	Frontal
Front material	PPS
Enclosure material	Nickel plated brass
Fine adjustment zone	3...6 mm flush mountable 3...9 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) for supply on and teach mode 1 LED (yellow) for 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	44 mm

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Length	64 mm
Product weight	0.15 kg

Environment

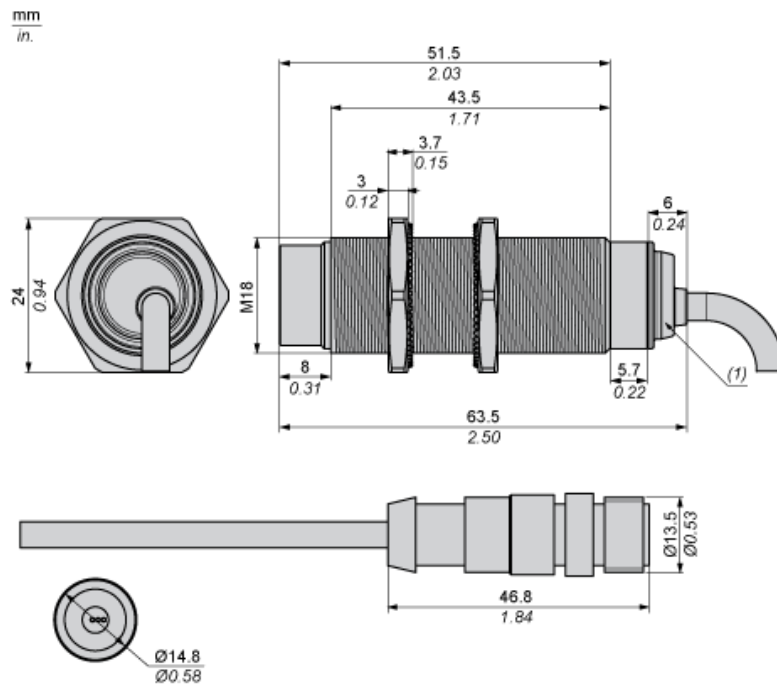| Product certifications	CSA UL
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...85 °C
Vibration resistance	25 gn, amplitude: +/- 2 mm (f = 10...55 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn (duration = 11 ms) conforming to IEC 60068-2-27

Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 1151 - Schneider Electric declaration of conformity ⬀Schneider Electric declaration of conformity
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

mm
in.

51.5
2.03

43.5
1.71

3.7
0.15

3
0.12

6
0.24

24
0.94

M18

8
0.31

5.7
0.22

(1)

63.5
2.50

Ø13.5
Ø0.53

46.8
1.84

Ø14.8
Ø0.58

(1)   LED

Minimum Mounting Distances

Side by side

e (1)			
Flush mounted		Not flush mounted	
mm	in.	mm	in.
≥ 28	≥ 1.10	100	3.94

Face to face
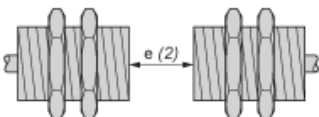
e (2)			
Flush mounted		Not flush mounted	
mm	in.	mm	in.
≥ 100	≥ 3.94	200	7.87

Facing a metal object

e (3)	
mm	in.
≥ 6	≥ 0.24

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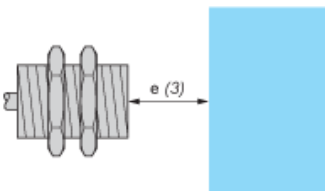
Wiring Schemes

M12 connector

PNP