

XS618B3DAL5

inductive sensor XS6 M18 - L40mm - brass -
Sn8mm - 12..24VDC - cable 5m



Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Sensor name	XS6
Sensor design	Cylindrical M18
Size	40 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	0.31 in (8 mm)
Discrete output function	1 NO
Output circuit type	DC
Electrical connection	Cable
Cable length	16.40 ft (5 m)
[Us] rated supply voltage	12...24 V DC reverse polarity protection
Switching capacity in mA	<= 100 mA DC overload and short-circuit protection
IP degree of protection	IP68 double insulation IEC 60529 IP69K DIN 40050

Complementary

Thread type	M18 x 1
Detection face	Frontal
Front material	PPS
Enclosure material	Nickel plated brass
Sensing range	> 0.16...0.31 in (> 4...8 mm)
Operating zone	0.00...0.25 in (0...6.4 mm)
Differential travel	1...15% of Sr
Cable composition	2 x 0.34 mm ²
Wire insulation material	PvR
Status LED	Output state 1 LED yellow)
Supply voltage limits	10...36 V DC
Switching frequency	<= 1000 Hz DC
Maximum voltage drop	<4 V closed)
Maximum delay first up	10 ms
Maximum delay response	0.3 ms
Maximum delay recovery	0.3 ms
Marking	CE
Threaded length	1.10 in (28 mm)
Length	1.57 in (40 mm)
Net Weight	0.51 lb(US) (0.23 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 +/- 2 mm 10...55 Hz)IEC 60068-2-6
Shock resistance	50 gn 11 ms IEC 60068-2-27




Ordering and shipping details

Category	22486 - SENSORS, PROXIMITY
Discount Schedule	DS2
GTIN	03389119045568
Nbr. of units in pkg.	1
Package weight(Lbs)	0.44 lb(US) (0.20 kg)
Returnability	No
Country of origin	FR

Packing Units

Package 1 Height	1.300 dm
Package 1 width	0.660 dm
Package 1 Length	0.940 dm

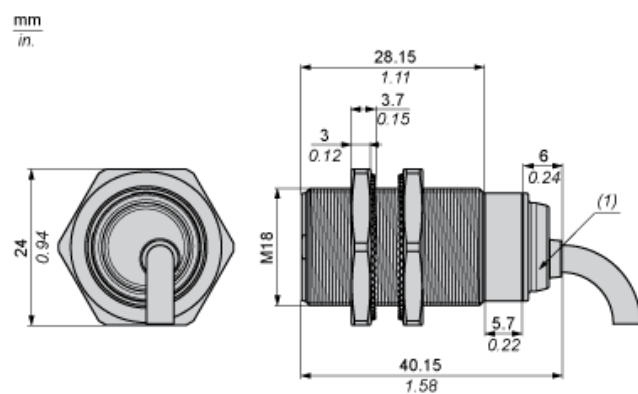
Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)  EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	 Yes
Environmental Disclosure	 Product Environmental Profile
Circularity Profile	 End Of Life Information

Contractual warranty

Warranty	18 months
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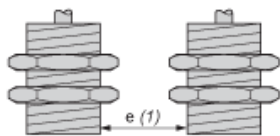
Dimensions



(1) LED

Minimum Mounting Distances

Side by side



e (1) 16 mm/0.63 in.

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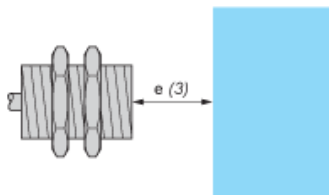
Face to face



e (2) 100 mm/3.94 in.

≥

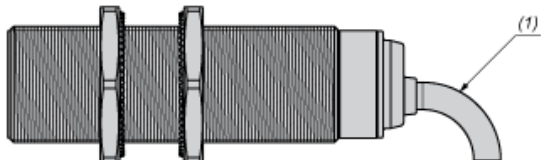
Facing a metal object



e (3) 25 mm/0.98 in.

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Mounting



(1) Bending cable: 4 x external cable diameter

Wiring Schemes

2-Wire Non-polarised

NO output



BU : Blue
BN : Brown