

# XS606B3CAL2

Inductive proximity sensors XS, inductive sensor XS6 Ø 6.5, L51mm, brass, Sn2.5 mm, 12...24 VDC, cable 2 m



## Main

Range of Product	Telemecanique Inductive proximity sensors XS
Series name	General purpose
Sensor Type	Inductive proximity sensor
Sensor name	XS6
Sensor design	Cylindrical Ø 6.5 mm plain
Size	51 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	0.10 in (2.5 mm)
Discrete output function	1 NO
Output circuit type	DC
Electrical connection	Cable
Cable length	6.56 ft (2 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	IP67 conforming to IEC 60529

## Complementary

Detection face	Frontal
Front material	PPS
Enclosure Material	Nickel Plated Brass
Sensing range	> 0...0.1 in (> 0...2.5 mm)
Operating zone	0.00...0.08 in (0...2 mm)
Differential travel	1...15% of Sr
Cable composition	2 x 0.11 mm <sup>2</sup>
Wire insulation material	PvR
Status LED	Output state 1 LED yellow)
Supply voltage limits	10...36 V DC
Switching frequency	<= 3000 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	1.18 in (30 mm)
Length	2.01 in (51 mm)

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## Environment

Product Certifications	UL CSA
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	3389119045384
Returnability	No

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.12 in (13.000 cm)
Package 1 Width	1.61 in (4.100 cm)
Package 1 Length	3.70 in (9.400 cm)
Package 1 Weight	0.99 oz (28.000 g)
Unit Type of Package 2	S02
Number of Units in Package 2	22
Package 2 Height	5.91 in (15.000 cm)
Package 2 Width	11.81 in (30.000 cm)
Package 2 Length	15.75 in (40.000 cm)
Package 2 Weight	31.78 oz (901.000 g)

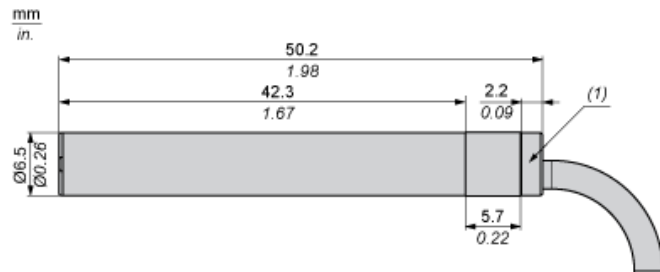
## Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>

## Contractual warranty

Warranty	18 months
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Dimensions



(1) LED

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Minimum Mounting Distances in mm

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Side by side



e (1) 5 mm/0.20 in.

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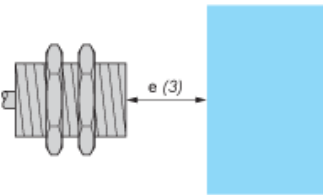
Face to face



e (2) 30 mm/1.18 in.

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Facing a metal object



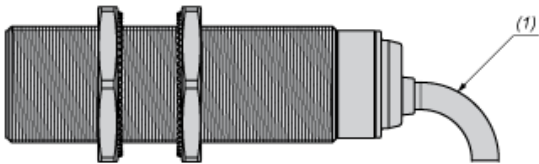
e (3) 8 mm/0.31 in.

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Mounting

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(1) Bending cable: 4 x external cable diameter

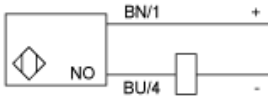
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Wiring Schemes

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2-Wire DC Polarised

NO output



BU : Blue  
BN : Brown