Product data sheet
Characteristics

XS630B4MBL2

Inductive proximity sensors XS, inductive sensor XS6 M30, L66mm, brass, Sn22mm, 24...240VAC/DC, 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 M30
Size	66 mm
Body type	Fixed
Detector flush mounting acceptance	Non flush mountable
Material	Metal
Type of output signal	Discrete
Wiring technique	2-wire
[Sn] nominal sensing distance	22 mm
Discrete output function	1 NC
Output circuit type	AC/DC
Electrical connection	Cable
Cable length	2 m
[Us] rated supply voltage	24...240 V AC/DC 50/60 Hz
Switching capacity in mA	5...200 mA DC 5...300 mA AC
IP degree of protection	IP68 double insulation 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
Sensing range	> 15...40 mm
Operating zone	0…17.6 mm
Differential travel	1...15% of Sr
Cable composition	2 x 0.34 mm²
Wire insulation material	PVC
Status LED	Output state: 1 LED (yellow)
Supply voltage limits	20…264 V AC/DC
Maximum residual current	0.8 mA open state
Switching frequency	<= 25 Hz AC <= 300 Hz DC
Maximum voltage drop	<5.5 V (closed)
Maximum delay first up	30 ms
Maximum delay response	0.5 ms
Maximum delay recovery	2 ms
Marking	CE
Threaded length	41 mm
Length	66 mm
Net weight	0.205 kg

Telemecanique Sensors

Environment

Product certifications	CSA[RETURN]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 for 11 ms conforming to IEC 60068-2-27

Packing Units

|	
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.600 cm
Package 1 Width	11.400 cm
Package 1 Length	12.000 cm
Package 1 Weight	182.000 g
Unit Type of Package 2	S01
Number of Units in Package 2	11
Package 2 Height	15 cm
Package 2 Width	15 cm
Package 2 Length	40 cm
Package 2 Weight	2.177 kg

Offer Sustainability

Sustainable offer status	Green Premium product
Circularity Profile	End of Life Information
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 www.P65Warnings.ca.gov
For all Reach Rohs enquiries contact us at	sustainability@tesensors.com

Contractual warranty

Warranty	18 months

Telemecanique
Sensors

Dimensions

mm / in.

36 / 1.41

66,1 / 2.60

13 / 0.51

41,1 / 1.61

4,7 / 0.18

M30x1.5

4 / 0.15

5,2 / 0.20
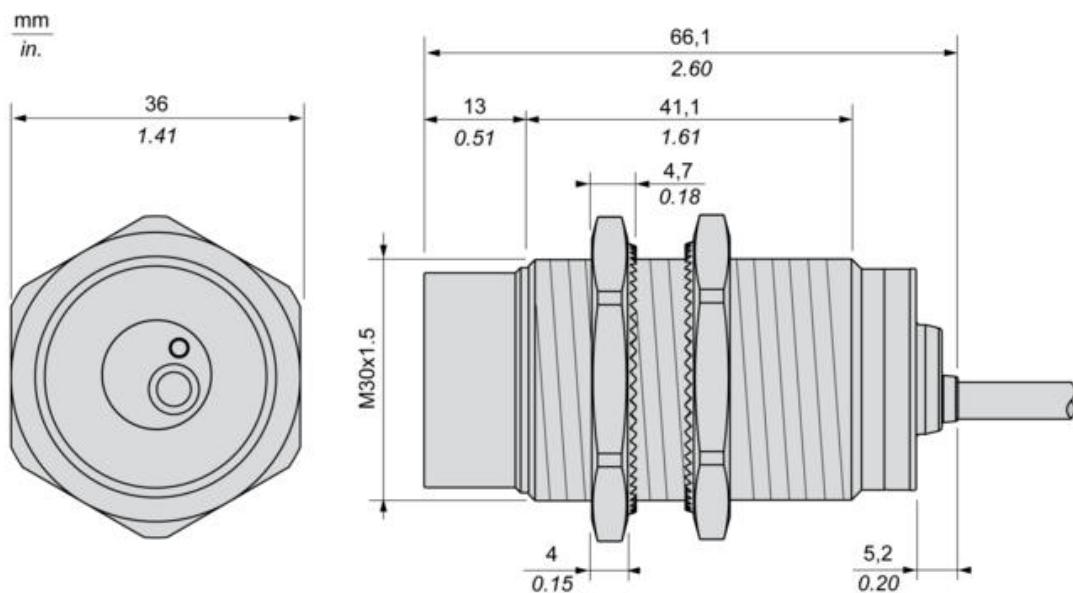
Minimum Mounting Distances in mm

Side by side
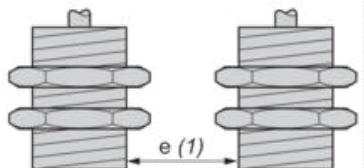
e (1) ≥ 120 mm/4.72 in.

Face to face
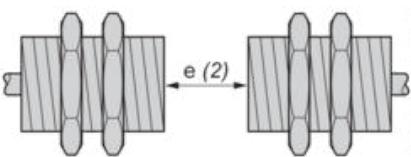
e (2) ≥ 264 mm/10.39 in.

Facing a metal object
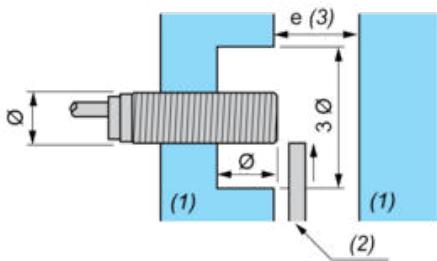
e (3) ≥ 66 mm/2.60 in.

(4) Metal

(5) Object to be detected

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Wiring Schemes

2-Wire AC or DC

NC output

BU : Blue
BN : Brown