XS630B5PBL2

inductive sensor XS6 M30 - L64mm - brass - Sn30mm - 12..48VDC - cable 2m

Green Premium™ Product

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Device application	Mobile equipment
Sensor name	XS6
Sensor design	Cylindrical M30
Size	64 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	1.18 in (30 mm)
Discrete output function	1 NC
Output circuit type	DC
Discrete output type	PNP
Electrical connection	Cable
Cable length	6.56 ft (2 m)
[Us] rated supply voltage	12...48 V DC with reverse polarity protection
Switching capacity in mA	<= 200 mA DC with overload and short-circuit protection
IP degree of protection	IP67 conforming to DIN 40050 IP65 conforming to IEC 60529 IP69K

Complementary

Thread type	M30 x 1.5
Detection face	Frontal
Front material	PPS
Enclosure material	Nickel plated brass
Operating zone	0...0.94 in (0...24 mm)
Differential travel	1...15% of Sr
Cable composition	3 x 0.34 mm²
Wire insulation material	PvR
Status LED	1 LED (yellow) output state
Supply voltage limits	10...58 V DC
Switching frequency	<= 500 Hz DC
Voltage drop	<= 2 V, closed state
Current consumption	<= 10 mA (no-load)
Delay first up	<= 15 ms
Delay response	<= 0.6 ms
Delay recovery	<= 1.4 ms
Marking	CE
Threaded length	1.54 in (39 mm)

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Length	2.52 in (64 mm)
Product weight	0.45 lb(US) (0.205 kg)

Environment

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Product certifications	UL E2 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, 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

Ordering and shipping details

Category	22486 - SENSORS, PROXIMITY
Discount Schedule	DS2
GTIN	003389119630672
Nbr. of units in pkg.	1
Package weight(Lbs)	0.5
Returnability	N
Country of origin	FR

Offer Sustainability

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Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1550 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available
California proposition 65	WARNING: This product can expose you to chemicals including:
- - - - - - - Substance 1	Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and
- - - - - - - Substance 2	Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.
- - - - - - - More information	For more information go to www.p65warnings.ca.gov

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Dimensions

Pre-cabled
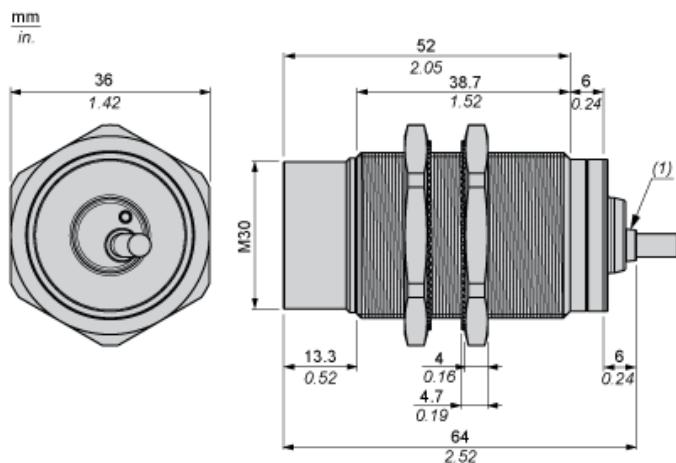
(1)   Yellow LED (Output state indication)

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Mounting and Clearance

Minimum Mounting Distances

Side by Side

≥ 300 mm
≥ 11.82 in.

Face to Face

≥ 300 mm
≥ 11.82 in.
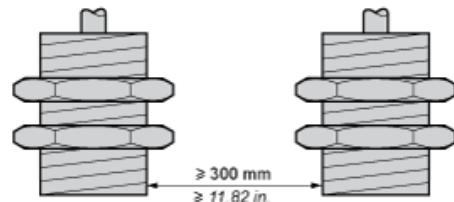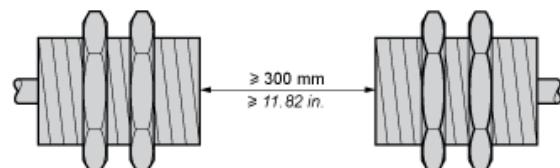
Facing a Metal Object

≥ 90 mm
≥ 3.55 in.
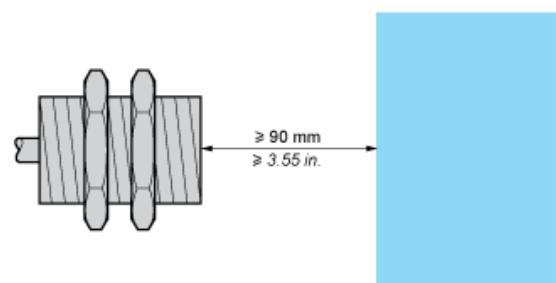
Mounted in a Metal Support

≥ 90 mm
≥ 3.55 in.

≥ 35 mm
≥ 1.38 in.

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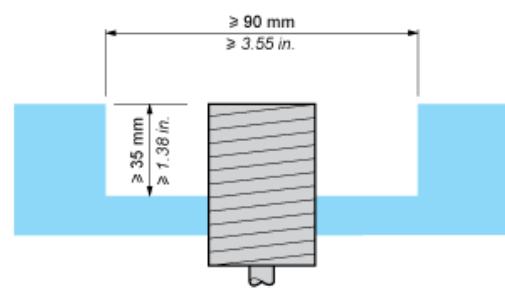
Connection and Schema

### Wiring Schemes

PNP 3-wire
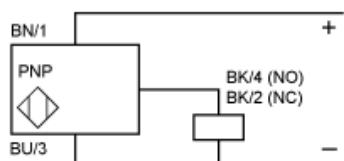
BN : Brown
BK : Black
BU : Blue

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Performance Curves

Standard Steel Target: 45 x 45 x 1 mm

Operating zone: 0…24 mm

(y)   Sensing distance in mm
(1)   Pick-up points
(2)   Drop-out points (object approaching from the side)

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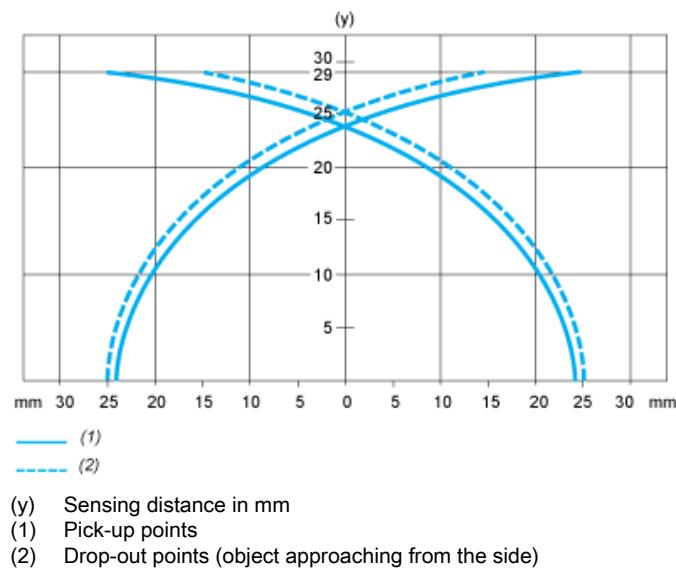
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