

# XS612B3DAL5

inductive sensor XS6 M12 - L37mm - brass -  
Sn4mm - 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 M12
Size	37 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Metal
Type of output signal	Discrete
Wiring technique	2-wire
Discrete output function	1 NO
Output circuit type	DC
Electrical connection	Cable
[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	M12 x 1
Detection face	Frontal
Front material	PPS
Enclosure material	Nickel plated brass
Sensing range	> 0.1...0.16 in (> 2.5...4 mm)
Differential travel	1...15% of Sr
Cable composition	2 x 0.34 mm <sup>2</sup>
Wire insulation material	PvR
Status LED	Output state 1 LED yellow)
Supply circuit type	10...36 V DC
Switching frequency	<= 2000 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

## Environment

Product certifications	CSA UL
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	03389119045513
Nbr. of units in pkg.	1
Package weight(Lbs)	0.4 lb(US) (0.18 kg)
Returnability	No
Country of origin	FR

## Packing Units

Unit Type of Package 1	PCE
Package 1 Height	5.12 in (13 cm)
Package 1 width	1.61 in (4.1 cm)
Package 1 Length	3.70 in (9.4 cm)

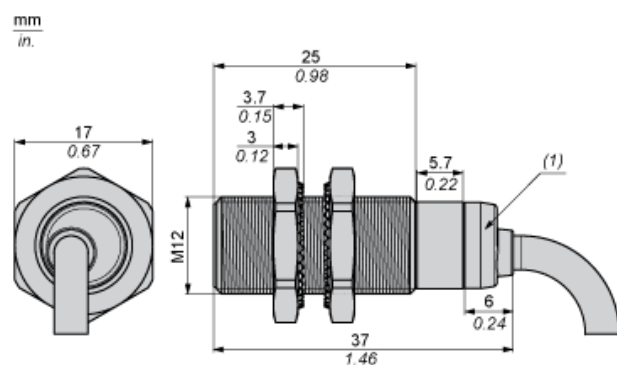
## Offer Sustainability

Sustainable offer status	Green Premium product
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

## Minimum Mounting Distances

Side by side



e (1) 8 mm/0.31 in.

≥

Face to face



e (2) 48 mm/1.89 in.

≥

Facing a metal object



e (3) 12 mm/0.47 in.

≥

## Mounting



(1) Bending cable: 4 x external cable diameter

## Wiring Schemes

### 2-Wire Non-polarised

NO output



BU : Blue  
BN : Brown