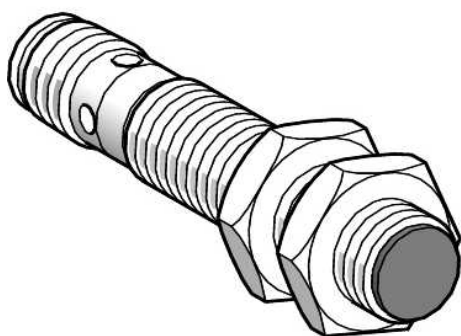


# XS612B2NAL01M12

inductive sensor XS6 M12 - L55mm - brass - Sn5mm - 12..24VDC - M12 0.15m

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



## Main

Commercial Status	Commercialised
Range of product	OsiSense XS
Series name	Application
Sensor type	Inductive proximity sensor
Product specific application	-
Sensor name	XS6
Sensor design	Cylindrical M12
Size	55 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	0.13 in (3.4 mm) flush mountable 0.2 in (5 mm) non flush mountable
Discrete output function	1 NO
Output circuit type	DC
Discrete output type	NPN
Electrical connection	Remote male connector M12 4 pins
Cable length	0.49 ft (0.15 m)
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Switching capacity in mA	<= 100 mA with overload and short-circuit protection
IP degree of protection	IP69 K conforming to DIN 40050 IP67 double insulation conforming to IEC 60529

## Complementary

ISO thread	M12 x 1
Detection face	Frontal
Front material	PPS
Enclosure material	Nickel plated brass
Fine adjustment zone	0.07...0.2 in (1.7...5 mm) non flush mountable 0.07...0.13 in (1.7...3.4 mm) flush mountable
Differential travel	1...15% of Sr
Cable composition	3 x 0.34 mm <sup>2</sup>
Wire insulation material	PvR
Status LED	1 LED (yellow) for output state 1 LED (green) for supply on and teach mode
Supply voltage limits	10...36 V DC
Switching frequency	<= 1000 Hz
Voltage drop	<= 2 V, closed state
Current consumption	<= 10 mA (no-load)
Delay first up	<= 10 ms
Delay response	<= 0.3 ms
Delay recovery	<= 0.7 ms
Marking	CE
Threaded length	1.65 in (42 mm)

Length	2.17 in (55 mm)
Product weight	0.22 lb(US) (0.1 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, 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	00785901455752
Nbr. of units in pkg.	1
Package weight(Lbs)	0.16
Product availability	Non-Stock - Not normally stocked in distribution facility
Returnability	N
Country of origin	FR

## Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS	Will be Compliant on 3Q2013
Product environmental profile	Available  <a href="#">Download Product Environmental</a>
Product end of life instructions	Available  <a href="#">Download End Of Life Manual</a>

## Contractual warranty

Period	18 months
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# Mouser Electronics

Authorized Distributor

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