

# Product data sheet

## Characteristics

# XS618B1MAL5

inductive sensor XS6 M18 - L62mm - brass -  
Sn8mm - 24..240VAC/DC - cable 5m

Product availability : Stock - Normally stocked in distribution facility



### Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Device application	-
Sensor name	XS6
Sensor design	Cylindrical M18
Size	62 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	0.31 in (8 mm)
Discrete output function	1 NO
Output circuit type	AC/DC
Electrical connection	Cable
Cable length	16.4 ft (5 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	M18 x 1
Detection face	Frontal
Front material	PPS

Enclosure material	Nickel plated brass
Operating zone	0...0.25 in (0...6.4 mm)
Differential travel	1...15% of Sr
Cable composition	2 x 0.34 mm <sup>2</sup>
Wire insulation material	PvR
Status LED	1 LED (yellow) output state
Supply voltage limits	20...264 V AC/DC
Residual current	<= 0.8 mA, open state
Switching frequency	<= 1000 Hz DC <= 25 Hz AC
Voltage drop	<= 5.5 V, closed state
Delay first up	<= 25 ms
Delay response	<= 0.5 ms
Delay recovery	<= 0.5 ms
Marking	CE
Threaded length	2.05 in (52 mm)
Length	2.44 in (62 mm)
Product weight	0.53 lb(US) (0.24 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	00785901446026
Nbr. of units in pkg.	1
Package weight(Lbs)	0.41999999999999998
Returnability	Y
Country of origin	FR

## Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0810 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold <a href="#">Reference not containing SVHC above the threshold</a>
Product environmental profile	Available
Product end of life instructions	Available

## Contractual warranty

Warranty period	18 months
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