

XS618B1MAL01B

inductive sensor XS6 M18 - L62mm - brass - Sn8mm - 24..240VAC/DC - term. 0.15m

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



Main

Commercial Status	Commercialised
Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Product specific 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	Remote male connector screw-clamp terminals
Cable length	0.49 ft (0.15 m)
[Us] rated supply voltage	24...240 V AC/DC (50/60 Hz)
Switching capacity in mA	5...300 mA AC 5...200 mA DC
IP degree of protection	IP69 K conforming to DIN 40050 IP68 double insulation conforming to IEC 60529

Complementary

ISO thread	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 ²
Wire insulation material	PvR
Status LED	1 LED (yellow) for output state
Supply voltage limits	20...264 V AC/DC
Residual current	<= 0.8 mA, open state
Switching frequency	<= 25 Hz AC <= 1000 Hz DC
Voltage drop	<= 5.5 V
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	0.26 lb(US) (0.12 kg)

Environment

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	003389119026789
Nbr. of units in pkg.	1
Package weight(Lbs)	0.22
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	Compliant - since 1136 - Schneider Electric declaration of conformity
Product environmental profile	Available Download Product Environmental
Product end of life instructions	Available Download End Of Life Manual

Contractual warranty

Period	18 months
--------	-----------

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Schneider Electric:](#)

[XS618B1MAL01B](#)