

## XS618B1MAL01B

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



### 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	8 mm
Discrete output function	1 NO
Output circuit type	AC/DC
Electrical connection	Remote male connector screw-clamp terminals
Cable length	0.15 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...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) for 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
Delay first up	<= 25 ms
Delay response	<= 0.5 ms
Delay recovery	<= 0.5 ms
Marking	CE
Threaded length	52 mm
Length	62 mm
Product weight	0.12 kg

### Environment

ambient air temperature for operation	-25...70 °C
ambient air temperature for storage	-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

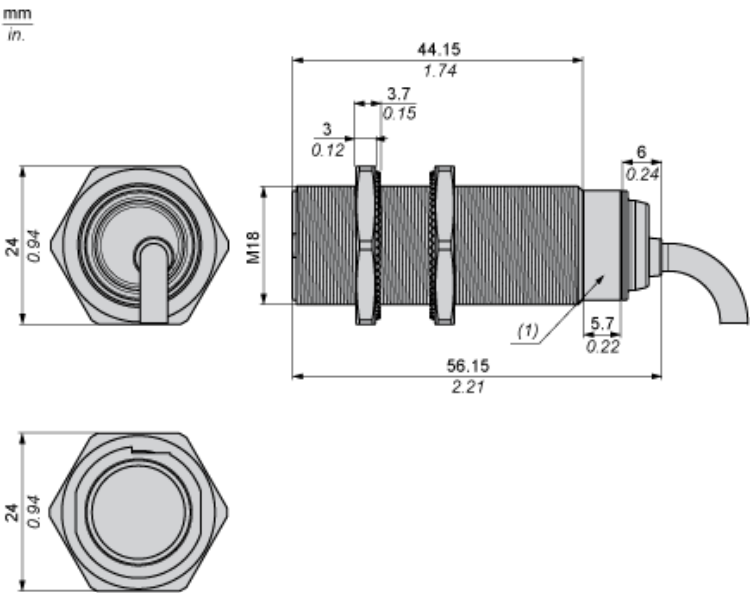
### Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 1136 - Schneider Electric declaration of conformity
Product environmental profile	Available
Product end of life instructions	Available

### Contractual warranty

Warranty period	18 months
-----------------	-----------

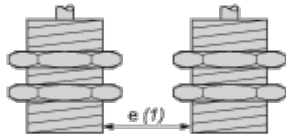
### Dimensions



(1) LED

### Minimum Mounting Distances

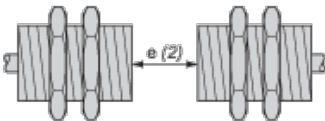
Side by side



$e (1)$  16 mm/0.63 in.

$\geq$

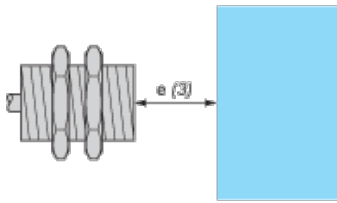
Face to face



$e (2)$  100 mm/3.94 in.

$\geq$

Facing a metal object



e (3) 25 mm/0.98 in  
 $\geq$

## Wiring Schemes

The terminal numbering differs according to the version (2-wire DC, 3-wire DC, 2-wire AC).

NO output

