

## XS618B1MBL5

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



### 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 NC  |
| Output circuit type                | AC/DC   |
| Electrical connection              | Cable   |
| Cable length                       | 5 m   |
| [Us] rated supply voltage          | 24...240 V AC/DC (50/60 Hz)   |
| Switching capacity in mA           | 5...200 mA DC<br>5...300 mA AC  |
| IP degree of protection            | IP68 double insulation conforming to IEC 60529<br>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<br><= 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          | 52 mm                           |
| Length                   | 62 mm                           |
| Product weight           | 0.24 kg                         |

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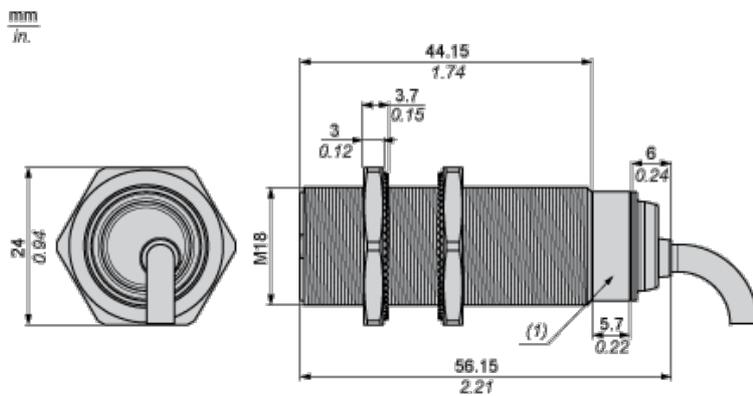
## Environment

|                                       |   |
|---------------------------------------|---|
| product certifications                | CSA<br>UL   |
| 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         | Green Premium product   |
| RoHS (date code: YYWW)           | Compliant - since 0808 - Schneider Electric declaration of conformity |
| REACH                            | Reference not containing SVHC above the threshold                     |
| Product environmental profile    | Available   |
| Product end of life instructions | Available   |

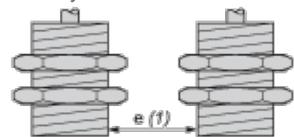
## Dimensions



(1) LED

## Minimum Mounting Distances

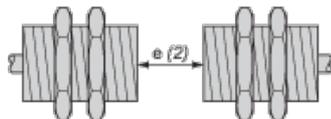
Side by side



e (1) 16 mm/0.63 in.

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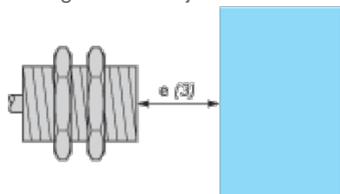
Face to face



e (2) 100 mm/3.94 in.

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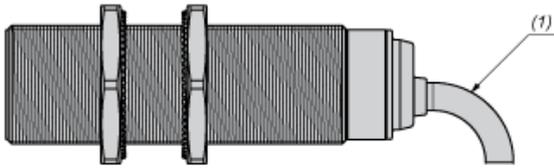
Facing a metal object



e (3) 25 mm/0.98 in

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## Mounting

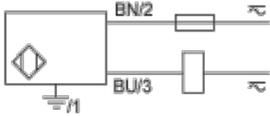


(1) Bending cable: 4 x external cable diameter

## Wiring Schemes

### 2-Wire AC or DC

NC output



BU : Blue

BN : Brown