

# XS618B1MAL2

inductive sensor XS6 M18 - L62mm - brass -  
Sn8mm - 24..240VAC/DC - cable 2m



## 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      | 8 mm                                                                             |
| Discrete output function           | 1 NO                                                                             |
| Output circuit type                | AC/DC                                                                            |
| Electrical connection              | Cable                                                                            |
| Cable length                       | 2 m                                                                              |
| [Us] rated supply voltage          | 24...240 V AC/DC (50/60 Hz)                                                      |
| Switching capacity in mA           | 5...300 mA AC<br>5...200 mA DC                                                   |
| IP degree of protection            | IP69 K conforming to DIN 40050<br>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...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      | <= 25 Hz AC<br><= 1000 Hz DC    |
| 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  | 0.12 kg |

## 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                             | Compliant - since 0814 - <a href="#">Schneider Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold                                     |
| Product environmental profile    | Available <a href="#">Download Product Environmental</a>                              |
| Product end of life instructions | Available <a href="#">Download End Of Life Manual</a>                                 |