

# XS608B1DBM12

inductive sensor XS6 M8 - L62mm - stainless - Sn2.5mm - 12..48VDC - M12



Product availability: Stock - 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 M8  |
| Size                               | 62 mm   |
| Body type                          | Fixed   |
| Detector flush mounting acceptance | Flush mountable   |
| Material                           | Stainless steel   |
| Type of output signal              | Discrete  |
| Wiring technique                   | 2-wire  |
| [Sn] nominal sensing distance      | 0.1 in (2.5 mm)   |
| Discrete output function           | 1 NC  |
| Output circuit type                | DC  |
| Electrical connection              | Male connector M12 4 pins                               |
| [Us] rated supply voltage          | 12...48 V DC with reverse polarity protection           |
| Switching capacity in mA           | <= 100 mA DC with overload and short-circuit protection |
| IP degree of protection            | IP67 conforming to IEC 60529                            |

## Complementary

|                       |                                 |
|-----------------------|---------------------------------|
| ISO thread            | M8 x 1                          |
| Detection face        | Frontal                         |
| Front material        | PPS                             |
| Enclosure material    | Stainless steel 303             |
| Operating zone        | 0...0.08 in (0...2 mm)          |
| Differential travel   | 1...15% of Sr                   |
| Status LED            | 1 LED (yellow) for output state |
| Supply voltage limits | 10...58 V DC                    |
| Switching frequency   | <= 3000 Hz DC                   |
| Voltage drop          | <= 4 V, closed state            |
| Delay first up        | <= 10 ms                        |
| Delay response        | <= 0.3 ms                       |
| Delay recovery        | <= 0.3 ms                       |
| Marking               | CE                              |
| Threaded length       | 1.57 in (40 mm)                 |
| Length                | 2.44 in (62 mm)                 |
| Product weight        | 0.03 lb(US) (0.015 kg)          |

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## Environment

|                                       |   |
|---------------------------------------|---|
| Product certifications                | CSA<br>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                  | 00785901651598                                    |
| Nbr. of units in pkg. | 1   |
| Package weight(Lbs)   | 0.07  |
| Product availability  | Stock - Normally stocked in distribution facility |
| Returnability         | Y   |
| Country of origin     | FR  |

## Offer Sustainability

|                                  |   |
|----------------------------------|---|
| Sustainable offer status         | Green Premium product   |
| RoHS                             | Compliant - since 1004 - <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>                                 |

## Contractual warranty

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

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