

# XS506BLPAL2

inductive sensor XS5 Ø6.5 - L33mm - stainless  
- Sn1.5mm - 12..24VDC - cable 2m



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                        | XS5   |
| Sensor design                      | Cylindrical Ø 6.5 mm plain                              |
| Size                               | 33 mm   |
| Body type                          | Fixed   |
| Detector flush mounting acceptance | Flush mountable   |
| Material                           | Stainless steel   |
| Type of output signal              | Discrete  |
| Wiring technique                   | 3-wire  |
| [Sn] nominal sensing distance      | 0.06 in (1.5 mm)  |
| Discrete output function           | 1 NO  |
| Output circuit type                | DC  |
| Discrete output type               | PNP   |
| Electrical connection              | Cable   |
| Cable length                       | 6.56 ft (2 m)   |
| [Us] rated supply voltage          | 12...48 V DC with reverse polarity protection           |
| Switching capacity in mA           | <= 200 mA DC with overload and short-circuit protection |
| IP degree of protection            | IP67 conforming to IEC 60529                            |

## Complementary

|                          |                                 |
|--------------------------|---------------------------------|
| Detection face           | Frontal                         |
| Front material           | PPS                             |
| Enclosure material       | Stainless steel 303             |
| Operating zone           | 0...0.05 in (0...1.2 mm)        |
| Differential travel      | 1...15% of Sr                   |
| Cable composition        | 3 x 0.11 mm <sup>2</sup>        |
| Wire insulation material | PvR                             |
| Status LED               | 1 LED (yellow) for output state |
| Supply voltage limits    | 10...58 V DC                    |
| Switching frequency      | <= 5000 Hz                      |
| Voltage drop             | <= 2 V, closed state            |
| Current consumption      | <= 10 mA (no-load)              |
| Delay first up           | <= 10 ms                        |
| Delay response           | <= 0.1 ms                       |
| Delay recovery           | <= 0.1 ms                       |
| Marking                  | CE                              |
| Height                   | 6.5 mm                          |

|                |                        |
|----------------|------------------------|
| Length         | 1.3 in (33 mm)         |
| Product weight | 0.08 lb(US) (0.035 kg) |

## 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                  | 003389119046350                                   |
| Nbr. of units in pkg. | 1   |
| Package weight(Lbs)   | 0.08  |
| 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 |
|--------|-----------|