

# Product data sheet

## Characteristics

# XS218B4PAL5

inductive sensor XS2 M18 - L41mm - brass -  
Sn16mm - 12..24VDC - cable 5m

Product availability : Non-Stock - Not normally stocked in distribution facility



Price\* : 94.35 USD



### Main

|                                    |   |
|------------------------------------|---|
| Range of product                   | OsiSense XS   |
| Series name                        | General purpose   |
| Sensor type                        | Inductive proximity sensor  |
| Device application                 | Mobile equipment  |
| Sensor name                        | XS2   |
| Sensor design                      | Cylindrical M18   |
| Size                               | 41 mm   |
| Body type                          | Fixed   |
| Detector flush mounting acceptance | Non flush mountable   |
| Material                           | Metal   |
| Type of output signal              | Discrete  |
| Wiring technique                   | 3-wire  |
| [Sn] nominal sensing distance      | 16 mm   |
| Discrete output function           | 1 NO  |
| Output circuit type                | DC  |
| Discrete output type               | PNP   |
| Electrical connection              | Cable   |
| Cable length                       | 16.4 ft (5 m)   |
| [Us] rated supply voltage          | 12...24 V DC with reverse polarity protection                         |
| Switching capacity in mA           | <= 200 mA with overload and short-circuit protection                  |
| IP degree of protection            | IP67 conforming to DIN 40050<br>IP65 conforming to IEC 60529<br>IP69K |

### Complementary

|             |         |
|-------------|---------|
| Thread type | M18 x 1 |
|-------------|---------|

|                          |                           |
|--------------------------|---------------------------|
| Detection face           | Frontal                   |
| Front material           | PPS                       |
| Enclosure material       | Nickel plated brass       |
| Operating zone           | 0...0.5 in (0...12.8 mm)  |
| Differential travel      | 1...15% of Sr             |
| Cable composition        | 3 x 0.34 mm <sup>2</sup>  |
| Wire insulation material | PvR                       |
| Status LED               | 1 LED yellow output state |
| Supply voltage limits    | 10...36 V DC              |
| Switching frequency      | <= 1000 Hz                |
| Voltage drop             | <= 2 V at closed state    |
| Current consumption      | <= 10 mA at no-load       |
| Delay first up           | <= 15 ms                  |
| Delay response           | <= 0.3 ms                 |
| Delay recovery           | <= 0.7 ms                 |
| Marking                  | CE                        |
| Threaded length          | 0.83 in (21 mm)           |
| Length                   | 1.61 in (41 mm)           |
| Product weight           | 0.42 lb(US) (0.19 kg)     |

## Environment

|                                       |   |
|---------------------------------------|---|
| Product certifications                | CSA<br>UL<br>E2   |
| 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 11 ms conforming to IEC 60068-2-27                                |

## Ordering and shipping details

|                       |                            |
|-----------------------|----------------------------|
| Category              | 22486 - SENSORS, PROXIMITY |
| Discount Schedule     | DS2                        |
| GTIN                  | 003389119037198            |
| Nbr. of units in pkg. | 1                          |
| Package weight(Lbs)   | 0.5                        |
| Returnability         | N                          |
| Country of origin     | FR                         |

## Offer Sustainability

|                                  |   |
|----------------------------------|---|
| Sustainable offer status         | Green Premium product   |
| RoHS (date code: YYWW)           | Compliant - since 1550 - Schneider Electric declaration of conformity<br><a href="#">Schneider Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold<br><a href="#">Reference not containing SVHC above the threshold</a>                |
| Product environmental profile    | Available   |
| Product end of life instructions | Available   |
| California proposition 65        | WARNING: This product can expose you to chemicals including:  |
| ----- Substance 1                | Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and   |
| ----- Substance 2                | Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.            |
| ----- More information           | For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>   |