

# XS8E1A1PBL5

inductive sensor XS8 26x26x13 - PBT -  
Sn15mm - 12..24VDC - cable 5m



Product availability: Non-Stock - Not 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                        | XS8  |
| Sensor design                      | Flat form 26 x 26 x 13   |
| Size                               | 13 mm  |
| Body type                          | Fixed  |
| Detector flush mounting acceptance | Non flush mountable  |
| Material                           | Plastic  |
| Enclosure material                 | PBT  |
| Type of output signal              | Discrete   |
| Wiring technique                   | 3-wire   |
| [Sn] nominal sensing distance      | 0.59 in (15 mm) non flush mountable<br>0.39 in (10 mm) flush mountable |
| Discrete output function           | 1 NC   |
| 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           | <= 100 mA DC with overload and short-circuit protection                |
| IP degree of protection            | IP68 double insulation conforming to IEC 60529                         |

## Complementary

|                          |  |
|--------------------------|--|
| Detection face           | Frontal  |
| Front material           | PBT  |
| Fine adjustment zone     | 0.2...0.59 in (5...15 mm) non flush mountable<br>0.2...0.39 in (5...10 mm) flush mountable |
| Differential travel      | 1...15% of Sr  |
| Cable composition        | 3 x 0.34 mm <sup>2</sup>   |
| Wire insulation material | PvR  |
| Supply voltage limits    | 10...36 V DC   |
| Residual current         | <= 1.5 mA for open state   |
| Switching frequency      | <= 2000 Hz   |
| Voltage drop             | <= 2 V at closed state   |
| Current consumption      | <= 10 mA at no-load  |
| Delay first up           | <= 10 ms   |
| Delay response           | <= 0.3 ms  |
| Delay recovery           | <= 0.8 ms  |
| Marking                  | CE   |

|                |                        |
|----------------|------------------------|
| Depth          | 0.51 in (13 mm)        |
| Height         | 1.57 in (40 mm)        |
| Width          | 1.02 in (26 mm)        |
| Product weight | 0.43 lb(US) (0.195 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 for 11 ms conforming to IEC 60068-2-27                            |

## Ordering and shipping details

|                       |   |
|-----------------------|---|
| Category              | 22486 - SENSORS, PROXIMITY                                |
| Discount Schedule     | DS2   |
| GTIN                  | 003389110122992   |
| Nbr. of units in pkg. | 1   |
| Package weight(Lbs)   | 0.33  |
| Product availability  | Non-Stock - Not normally stocked in distribution facility |
| Returnability         | N   |
| Country of origin     | FR  |

## Offer Sustainability

|                                  |   |
|----------------------------------|---|
| Sustainable offer status         | Green Premium product   |
| RoHS                             | Compliant - since 0841 - <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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