

# XS8D1A1MBL2

inductive sensor XS8 80x80x26 - PBT -  
Sn60mm - 24..240VAC/DC - cable 2m



## Main

|                                    |                                                                        |
|------------------------------------|------------------------------------------------------------------------|
| Range of product                   | OsiSense XS                                                            |
| Series name                        | General purpose                                                        |
| Sensor type                        | Inductive proximity sensor                                             |
| Device application                 | -                                                                      |
| Sensor name                        | XS8                                                                    |
| Sensor design                      | Flat form 80 x 80 x 26                                                 |
| Size                               | 26 mm                                                                  |
| Body type                          | Fixed                                                                  |
| Detector flush mounting acceptance | Non flush mountable                                                    |
| Material                           | Plastic                                                                |
| Enclosure material                 | PBT                                                                    |
| Type of output signal              | Discrete                                                               |
| Wiring technique                   | 2-wire                                                                 |
| [Sn] nominal sensing distance      | 1.57 in (40 mm) flush mountable<br>2.36 in (60 mm) non flush mountable |
| Discrete output function           | 1 NC                                                                   |
| Output circuit type                | AC/DC                                                                  |
| Electrical connection              | Cable                                                                  |
| Cable length                       | 6.56 ft (2 m)                                                          |
| [Us] rated supply voltage          | 24...240 V AC/DC 50/60 Hz                                              |
| Switching capacity in mA           | 5...200 mA DC<br>5...300 mA AC                                         |
| IP degree of protection            | IP68 double insulation IEC 60529                                       |

## Complementary

|                          |                                                                                                |
|--------------------------|------------------------------------------------------------------------------------------------|
| Detection face           | Frontal                                                                                        |
| Front material           | PBT                                                                                            |
| Fine adjustment zone     | 0.79...1.57 in (20...40 mm) flush mountable<br>0.79...2.36 in (20...60 mm) non flush mountable |
| Differential travel      | 1...15% of Sr                                                                                  |
| Cable composition        | 2 x 0.34 mm <sup>2</sup>                                                                       |
| Wire insulation material | PvR                                                                                            |
| Supply voltage limits    | 20...264 V AC/DC                                                                               |
| Maximum residual current | 1.5 mA open state                                                                              |
| Switching frequency      | <= 150 Hz                                                                                      |
| Maximum voltage drop     | <5.5 V closed)                                                                                 |
| Current consumption      | <= 10 mA no-load                                                                               |
| Maximum delay first up   | 15 ms                                                                                          |
| Maximum delay response   | 0.3 ms                                                                                         |
| Maximum delay recovery   | 6 ms                                                                                           |
| Marking                  | CE                                                                                             |
| Depth                    | 1.02 in (26 mm)                                                                                |
| Height                   | 3.15 in (80 mm)                                                                                |
| Maximum Width            | 3.15 in (80 mm)                                                                                |
| Net Weight               | 0.86 lb(US) (0.39 kg)                                                                          |

## Environment

|                                       |                                         |
|---------------------------------------|-----------------------------------------|
| Product certifications                | CCC<br>Ecolab<br>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 +/- 2 mm 10...55 Hz)IEC 60068-2-6 |
| Shock resistance                      | 50 gn 11 ms IEC 60068-2-27              |

## Ordering and shipping details

|                       |                            |
|-----------------------|----------------------------|
| Category              | 22486 - SENSORS, PROXIMITY |
| Discount Schedule     | DS2                        |
| GTIN                  | 00785901939689             |
| Nbr. of units in pkg. | 1                          |
| Package weight(Lbs)   | 0.93 lb(US) (0.42 kg)      |
| Returnability         | No                         |
| Country of origin     | FR                         |

## Packing Units

|                              |                         |
|------------------------------|-------------------------|
| Unit Type of Package 1       | PCE                     |
| Package 1 Height             | 2.64 in (6.7 cm)        |
| Package 1 width              | 3.82 in (9.7 cm)        |
| Package 1 Length             | 5.20 in (13.2 cm)       |
| Unit Type of Package 2       | S02                     |
| Number of Units in Package 2 | 14                      |
| Package 2 Weight             | 14.06 lb(US) (6.377 kg) |
| Package 2 Height             | 5.91 in (15 cm)         |
| Package 2 width              | 11.81 in (30 cm)        |
| Package 2 Length             | 15.75 in (40 cm)        |

## Offer Sustainability

|                            |                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                                                                                                                                                                                                                                                                             |
| California proposition 65  | WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| REACH Regulation           | <a href="#">REACH Declaration</a>                                                                                                                                                                                                                                                                                                                                                 |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>                                                                                                                                                                                                                                                                                    |
| Mercury free               | Yes                                                                                                                                                                                                                                                                                                                                                                               |
| RoHS exemption information | <a href="#">Yes</a>                                                                                                                                                                                                                                                                                                                                                               |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>                                                                                                                                                                                                                                                                                                                                     |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|