

# XS7E1A1PBM8

inductive sensor XS7 26x26x13 - PBT -  
Sn10mm - 12..24VDC - M8



## Main

|                                    |                                                    |
|------------------------------------|----------------------------------------------------|
| Range of product                   | OsiSense XS                                        |
| Series name                        | General purpose                                    |
| Sensor type                        | Inductive proximity sensor                         |
| Device application                 | -                                                  |
| Sensor name                        | XS7                                                |
| Sensor design                      | Flat form 26 x 26 x 13                             |
| Size                               | 13 mm                                              |
| Body type                          | Fixed                                              |
| Detector flush mounting acceptance | Flush mountable                                    |
| Material                           | Plastic                                            |
| Enclosure material                 | PBT                                                |
| Type of output signal              | Discrete                                           |
| Wiring technique                   | 3-wire                                             |
| Discrete output function           | 1 NC                                               |
| Output circuit type                | DC                                                 |
| Discrete output type               | PNP                                                |
| Electrical connection              | 3 pins M8 male connector                           |
| [Us] rated supply voltage          | 12...24 V DC reverse polarity protection           |
| Switching capacity in mA           | <= 100 mA DC overload and short-circuit protection |
| IP degree of protection            | IP67 IEC 60529                                     |

## Complementary

|                        |                            |
|------------------------|----------------------------|
| Detection face         | Frontal                    |
| Front material         | PBT                        |
| Operating zone         | 0.00...0.31 in (0...8 mm)  |
| Differential travel    | 1...15% of Sr              |
| Status LED             | Output state 1 LED yellow) |
| Supply voltage limits  | 10...36 V DC               |
| Switching frequency    | <= 1000 Hz                 |
| Maximum voltage drop   | <2 V closed)               |
| Current consumption    | <= 10 mA no-load           |
| Maximum delay first up | 10 ms                      |
| Maximum delay response | 2 ms                       |
| Maximum delay recovery | 6 ms                       |
| Marking                | CE                         |
| Depth                  | 0.51 in (13 mm)            |
| Height                 | 1.02 in (26 mm)            |
| Maximum Width          | 1.02 in (26 mm)            |
| Net Weight             | 0.09 lb(US) (0.04 kg)      |

## Environment

|                                       |                                         |
|---------------------------------------|-----------------------------------------|
| Product certifications                | C-tick<br>CSA<br>UL<br>Ecolab           |
| 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                  | 03389110140071             |
| Nbr. of units in pkg. | 1                          |
| Package weight(Lbs)   | 0.08 lb(US) (0.04 kg)      |
| Returnability         | No                         |
| Country of origin     | ID                         |

## Packing Units

|                  |          |
|------------------|----------|
| Package 1 Height | 0.420 dm |
| Package 1 width  | 0.960 dm |
| Package 1 Length | 0.670 dm |

## 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 |
|----------|-----------|