

# XS7E1A1DAM8

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                   | 2-wire                                                     |
| Discrete output function           | 1 NO                                                       |
| Output circuit type                | DC                                                         |
| Electrical connection              | 3 pins M8 male connector                                   |
| [Us] rated supply voltage          | 12...24 V DC with reverse polarity protection              |
| Switching capacity in mA           | 1.5...100 mA DC with overload and short-circuit protection |
| IP degree of protection            | IP67 conforming to IEC 60529                               |

## Complementary

|                       |                              |
|-----------------------|------------------------------|
| Detection face        | Frontal                      |
| Front material        | PBT                          |
| Operating zone        | 0...8 mm                     |
| Differential travel   | 1...15% of Sr                |
| Status LED            | Output state: 1 LED (yellow) |
| Supply voltage limits | 10...36 V DC                 |

|                          |                   |
|--------------------------|-------------------|
| Maximum residual current | 0.5 mA open state |
| Switching frequency      | <= 1000 Hz        |
| Maximum voltage drop     | <4 V (closed)     |
| Maximum delay first up   | 5 ms              |
| Maximum delay response   | 0.3 ms            |
| Maximum delay recovery   | 0.7 ms            |
| Marking                  | CE                |
| Depth                    | 13 mm             |
| Height                   | 26 mm             |
| Width                    | 26 mm             |
| Net weight               | 0.04 kg           |

## Environment

|                                       |                                                                         |
|---------------------------------------|-------------------------------------------------------------------------|
| Product certifications                | C-Tick<br>CSA<br>Ecolab<br>UL                                           |
| Ambient air temperature for operation | -25...70 °C                                                             |
| Ambient air temperature for storage   | -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                            |

## Offer Sustainability

|                          |                                                                                                                                                                                       |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status | Green Premium product                                                                                                                                                                 |
| REACH Regulation         |  <a href="#">REACH Declaration</a>                                                                   |
| EU RoHS Directive        | Pro-active compliance (Product out of EU RoHS legal scope)<br> <a href="#">EU RoHS Declaration</a> |
| Environmental Disclosure |  <a href="#">Product Environmental Profile</a>                                                     |

## Contractual warranty

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