

# XS7D1A1CAM12

inductive sensor XS7 80x80x26 - PBT -  
Sn40mm - 12..24VDC - M12



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                        | XS7  |
| Sensor design                      | Flat form 80 x 80 x 26                                     |
| Size                               | 15 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              | 4 pins M12 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 double insulation conforming to IEC 60529             |

## Complementary

|                       |                               |
|-----------------------|-------------------------------|
| Detection face        | Frontal                       |
| Front material        | PBT                           |
| Operating zone        | 0...1.26 in (0...32 mm)       |
| Differential travel   | 1...15% of Sr                 |
| Status LED            | 1 LED yellow for output state |
| Supply voltage limits | 20...264 V AC/DC              |
| Residual current      | <= 0.5 mA for open state      |
| Switching frequency   | <= 100 Hz                     |
| Voltage drop          | <= 4 V at closed state        |
| Current consumption   | <= 10 mA at no-load           |
| Delay first up        | 10 ms                         |
| Delay response        | 10 ms                         |
| Delay recovery        | 10 ms                         |
| Marking               | CE                            |
| Depth                 | 1.02 in (26 mm)               |
| Height                | 3.86 in (98 mm)               |
| Width                 | 3.15 in (80 mm)               |
| Product weight        | 0.64 lb(US) (0.29 kg)         |

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## Environment

|                                       |   |
|---------------------------------------|---|
| Product certifications                | CSA<br>C-Tick<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                  | 003389110141665   |
| Nbr. of units in pkg. | 1   |
| Package weight(Lbs)   | 0.70  |
| Product availability  | Non-Stock - Not normally stocked in distribution facility |
| Returnability         | N   |
| Country of origin     | ID  |

## Offer Sustainability

|                                  |   |
|----------------------------------|---|
| Sustainable offer status         | Green Premium product   |
| RoHS                             | Compliant - since 0903 - <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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