# XS7C1A1PBM8

inductive sensor XS7 40x40x15 - PBT - Sn15mm - 12..24VDC - M8

Green Premium™



## Main

| | |
|---|---|
| Range of product | OsiSense XS |
| Series name | General purpose |
| Sensor type | Inductive proximity sensor |
| Device application | - |
| Sensor name | XS7 |
| Sensor design | Flat form 40 x 40 x 15 |
| Size | 15 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 with reverse polarity protection |
| Switching capacity in mA | <= 100 mA DC overload and short-circuit protection |
| IP degree of protection | IP67 IEC 60529 |

## Complementary

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|---|---|
| Detection face | Frontal |
| Front material | PBT |
| Operating zone | 0.00…0.47 in (0…12 mm) |
| Differential travel | 1...15% of Sr |

Life Is On | Schneider Electric

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

| | |
|---|---|
| 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 | 5 ms |
| Marking | CE |
| Depth | 0.59 in (15 mm) |
| Height | 1.57 in (40 mm) |
| Width | 1.57 in (40 mm) |

## Environment

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

## Packing Units

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|---|---|
| Package 1 Weight | 0.14 lb(US) (0.064 kg) |
| 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 |
| REACh Regulation | REACh Declaration |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope)<br>EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| Environmental Disclosure | Product Environmental Profile |

## Contractual warranty

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