# Product data sheet
## Characteristics

# XS8C1A1MBL01U20
inductive sensor XS8 40x40x15 - PBT - Sn25mm - 24..240VAC/DC - 1/2" 0.15m

Product availability : Stock - Normally stocked in distribution facility

Green Premium

Price* : 141.83 USD



## Main

| | |
|---|---|
| Range of product | OsiSense XS |
| Series name | General purpose |
| Sensor type | Inductive proximity sensor |
| Device application | - |
| Sensor name | XS8 |
| Sensor design | Flat form 40 x 40 x 15 |
| Size | 15 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 | 0.59 in (15 mm) flush mountable<br>0.98 in (25 mm) non flush mountable |
| Discrete output function | 1 NC |
| Output circuit type | AC/DC |
| Electrical connection | 3 pins 1/2"20 UNF remote male connector |
| Cable length | 0.49 ft (0.15 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 | IP67 double insulation conforming to IEC 60529 |

## Complementary

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|---|---|
| Detection face | Frontal |

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|---|---|
| Front material | PBT |
| Fine adjustment zone | 0.31...0.59 in (8...15 mm) flush mountable<br>0.31...0.98 in (8...25 mm) non flush mountable |
| Differential travel | 1...15% of Sr |
| Wire insulation material | PvR |
| Supply voltage limits | 20...264 V AC/DC |
| Residual current | <= 1.5 mA open state |
| Switching frequency | <= 1000 Hz |
| Voltage drop | <= 5.5 V at closed state |
| Current consumption | <= 10 mA at no-load |
| Delay first up | <= 10 ms |
| Delay response | <= 0.3 ms |
| Delay recovery | <= 0.8 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 | CCC<br>CSA<br>Ecolab<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 11 ms conforming to IEC 60068-2-27 |

## Ordering and shipping details

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|---|---|
| Category | 22486 - SENSORS, PROXIMITY |
| Discount Schedule | DS2 |
| GTIN | 00785901455721 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 0.19 |
| Returnability | N |
| Country of origin | FR |

## Offer Sustainability

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|---|---|
| Sustainable offer status | Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 0825 - Schneider Electric declaration of conformity<br>Schneider Electric declaration of conformity |
| REACh | Reference not containing SVHC above the threshold<br>Reference not containing SVHC above the threshold |
| Product environmental profile | Available |
| Product end of life instructions | Need no specific recycling operations |

## Contractual warranty

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

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