



Product availability: Non-Stock - Not normally stocked in distribution facility



Main

| | |
|-------------------------------|---|
| Commercial Status | Commercialised |
| Range of product | OsiSense XX |
| Sensor type | Ultrasonic sensor |
| Series name | General purpose |
| Sensor name | XX9 |
| Sensor design | Flat form 80 x 80 x 34 |
| Detection system | Diffuse |
| [Sn] nominal sensing distance | 3.28 ft (1 m) adjustable with remote teach pushbutton |
| Material | Plastic |
| Type of output signal | Analogue |
| Wiring technique | 4-wire |
| Analogue output function | 4...20 mA |
| [Us] rated supply voltage | 15...24 V DC with reverse polarity protection |
| Electrical connection | Male connector M12 4 pins |
| [Sd] sensing range | 0.33...3.28 ft (0.1...1 m) |
| Beam angle | 7 ° |
| IP degree of protection | IP67 conforming to IEC 60529 |

Complementary

| | |
|---|---|
| Enclosure material | Valox |
| Front material | Epoxy |
| ISO thread | M30 x 1.5 |
| Supply voltage limits | 10...28 V DC |
| [Sa] assured operating distance | 0.33...3.28 ft (0.1...1 m) (teach mode) |
| Blind zone | 0...3.94 in (0...100 mm) |
| Transmission frequency | 180 kHz |
| Repeat accuracy | 0.9 % |
| Deviation angle from 90° of object to be detected | -5...5 ° |
| Minimum size of detected object | Cylinder diameter 50.8 mm up to 1 m sensing distance |
| Status LED | 1 LED (yellow) for output state 1 LED (green) for supply on 1 LED (dual colour) for setting-up assistance |
| Current consumption | 60 mA |
| Maximum switching capacity | 350 Ohm with overload and short-circuit protection |
| Setting-up | Slope selection using teach button |
| Delay first up | 1200 ms |
| Delay response | 250 ms |
| Delay recovery | 250 ms |
| Marking | CE |
| Product weight | 0.66 lb(US) (0.3 kg) |

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Environment

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|---------------------------------------|--|
| Standards | IEC 60947-5-2 |
| Ambient air temperature for operation | 32...158 °F (0...70 °C) |
| Ambient air temperature for storage | -40...176 °F (-40...80 °C) |
| Vibration resistance | +/-1 mm conforming to IEC 60068-2-6 10...55 Hz |
| Shock resistance | 30 gn in all 3 axes for 11 ms conforming to IEC 60068-2-27 |
| Resistance to electrostatic discharge | 8 kV level 4 conforming to IEC 61000-4-2 |
| Resistance to electromagnetic fields | 9.14 V/yd (10 V/m) level 3 conforming to IEC 61000-4-3 |
| Resistance to fast transients | 1 kV level 3 conforming to IEC 61000-4-4 |

Ordering and shipping details

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|-----------------------|---|
| Category | 22490 - SENSORS-ULTRASONIC (XX5,6) |
| Discount Schedule | DS2 |
| GTIN | 003389119029971 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 0.07 |
| Product availability | Non-Stock - Not normally stocked in distribution facility |
| Returnability | N |
| Country of origin | US |

Offer Sustainability

| | |
|----------------------------------|--|
| Sustainable offer status | Green Premium product |
| RoHS | Compliant - since 1140 - Schneider Electric declaration of conformity |
| REACH | Reference contains SVHC above the threshold - go to CaP for more details |
| Product environmental profile | Available Download Product Environmental |
| Product end of life instructions | Available Download End Of Life Manual |

Contractual warranty

| | |
|--------|-----------|
| Period | 18 months |
|--------|-----------|

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