

Product data sheet

Characteristics

XS1DEQ0106J1

inductive sensor XS1 - modified inductive sensor

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



Main

| | |
|------------------------------------|--|
| Range of product | OsiSense XS |
| Series name | General purpose |
| Sensor type | Inductive proximity sensor |
| Sensor name | XS1 |
| Body type | Fixed |
| Detector flush mounting acceptance | Flush mountable |
| Material | Stainless steel |
| Type of output signal | Discrete |
| Wiring technique | 4-wire |
| [Sn] nominal sensing distance | 0.06 in (1.5 mm) |
| Output circuit type | DC |
| [Us] rated supply voltage | 12...24 V DC with reverse polarity protection |
| Switching capacity in mA | <= 200 mA with overload and short-circuit protection |
| IP degree of protection | IP67 conforming to IEC 60529 |

Complementary

| | |
|-----------------------|---------------------------|
| Detection face | Frontal |
| Front material | PPS |
| Enclosure material | Stainless steel 303 |
| Status LED | 1 LED yellow output state |
| Supply voltage limits | 10...36 V DC |
| Switching frequency | <= 1000 Hz |
| Voltage drop | <= 2 V at closed state |
| Current consumption | 0...10 mA at no-load |
| Delay first up | <= 5 ms |
| Delay response | <= 0.3 ms |
| Delay recovery | <= 0.7 ms |
| Marking | CE |

Environment

| | |
|---------------------------------------|---|
| Product certifications | CSA UL |
| Ambient air temperature for operation | -40...158 °F (-40...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

| | |
|-----------------------|------------------------------------|
| Category | 22490 - SENSORS-ULTRASONIC (XX5,6) |
| Discount Schedule | DS2 |
| GTIN | 003389119084390 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 0.8000000000000004 |

| | |
|-------------------|----|
| Returnability | N |
| Country of origin | FR |

Offer Sustainability

| | |
|----------------------------------|--|
| RoHS (date code: YYWW) | Will not be compliant |
| Product environmental profile | Available |
| Product end of life instructions | Available |
| California proposition 65 | WARNING: This product can expose you to chemicals including: |
| ----- Substance 1 | Diisobutyl phthalate (DINP), which is known to the State of California to cause cancer, and |
| ----- Substance 2 | Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. |
| ----- More information | For more information go to www.p65warnings.ca.gov |

Contractual warranty

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Schneider Electric:](#)

[XS1DEQ0106J1](#)