



⚠ Discontinued

Main

| | |
|------------------------------------|---|
| Range of product | OsiSense XS |
| Series name | General purpose |
| Sensor type | Inductive proximity sensor |
| Device application | - |
| Sensor name | XS1 |
| Sensor design | Cylindrical M18 |
| Body type | Fixed |
| Detector flush mounting acceptance | Flush mountable |
| Material | Metal |
| Enclosure material | Nickel plated brass |
| Type of output signal | Discrete |
| Wiring technique | 3-wire |
| [Sn] nominal sensing distance | 0.39 in (10 mm) |
| Discrete output function | 1 NO |
| 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 | <= 200 mA DC with overload and short-circuit protection |
| IP degree of protection | IP67 conforming to IEC 60529 IP69K |

Complementary

| | |
|-----------------------|---------------------------|
| Thread type | M18 x 1 |
| Detection face | Frontal |
| Front material | PPS |
| Operating zone | 0...0.31 in (0...8 mm) |
| Differential travel | 1...15% of Sr |
| 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 |
| Height | 0.71 in (18 mm) |

Environment

| | |
|---------------------------------------|---|
| Product certifications | CSA UL |
| Ambient air temperature for operation | -40...122 °F (-40...50 °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 | 22486 - SENSORS, PROXIMITY |
| Discount Schedule | DS2 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 0.14000000000000001 |
| Returnability | N |
| Country of origin | FR |

Contractual warranty

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

XS1N18PA349S is replaced by:



Inductive sensors XS XS618B1PAM12

inductive sensor XS6 M18 - L74mm - brass - Sn8mm - 12..48VDC - M12

Qty 1

Reason for Substitution: End of life | Substitution date: 01 January 2017