



Main

| | |
|------------------------------------|---|
| Range of product | OsiSense XS |
| Series name | General purpose |
| Sensor type | Inductive proximity sensor |
| Device application | Mobile equipment |
| Sensor name | XS8 |
| Sensor design | Form 40 x 40 x 117 |
| Size | 117 mm |
| Body type | Fixed |
| Detector flush mounting acceptance | Non flush mountable |
| Material | Plastic |
| Enclosure material | PBT |
| Type of output signal | Discrete |
| Wiring technique | 4-wire |
| [Sn] nominal sensing distance | 40 mm |
| Discrete output function | 1 NO + 1 NC |
| Output circuit type | DC |
| Discrete output type | NPN |
| Electrical connection | Screw-clamp terminals, 4 x 1.5 mm ² |
| [Us] rated supply voltage | 12...48 V DC reverse polarity protection |
| Switching capacity in mA | <= 200 mA overload and short-circuit protection |
| IP degree of protection | IP67 IEC 60529 IP65 IEC 60529 IP69K DIN 40050 |

Complementary

| | |
|------------------------|--|
| Detection face | 5 positions turret head |
| Front material | PBT |
| Operating zone | 0.00...1.26 in (0...32 mm) |
| Differential travel | 3...15% of Sr |
| Repeat accuracy | <= 3% of Sr |
| Cable entry number | 1 tapped entry Pg 13.5 cable gland |
| Status LED | Supply on 1 LED green) Output state 1 LED yellow) |
| Supply voltage limits | 10...58 V DC |
| Switching frequency | <= 200 Hz |
| Maximum voltage drop | <2 V closed) |
| Current consumption | 0...15 mA no-load |
| Maximum delay first up | 7.5 ms |
| Maximum delay response | 1.4 ms |
| Maximum delay recovery | 2.5 ms |
| Marking | CE |
| Height | 1.57 in (40 mm) |
| Length | 1.57 in (40 mm) |
| Width | 4.61 in (117 mm) |
| Net weight | 0.54 lb(US) (0.244 kg) |

Environment

| | |
|---------------------------------------|---|
| Product certifications | E2 CCC CSA 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 msEN 60068-2-27 |

Ordering and shipping details

| | |
|-----------------------|----------------------------|
| Category | 22486 - SENSORS, PROXIMITY |
| Discount Schedule | DS2 |
| GTIN | 03389119058339 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 0.57 lb(US) (0.26 kg) |
| Returnability | No |
| Country of origin | FR |

Packing Units

| | |
|------------------------------|------------------------|
| Unit Type of Package 1 | PCE |
| Package 1 Height | 1.97 in (5 cm) |
| Package 1 width | 1.97 in (5 cm) |
| Package 1 Length | 5.71 in (14.5 cm) |
| Unit Type of Package 2 | S02 |
| Number of Units in Package 2 | 14 |
| Package 2 Weight | 8.57 lb(US) (3.886 kg) |
| Package 2 Height | 5.91 in (15 cm) |
| Package 2 width | 11.81 in (30 cm) |
| Package 2 Length | 15.75 in (40 cm) |

Offer Sustainability

| | |
|----------------------------|---|
| Sustainable offer status | Green Premium product |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| Environmental Disclosure | Product Environmental Profile |

Contractual warranty

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