

Product Life Status : **END OF STANDARD SERVICE**

TODAY
FEB 21, 2021

End of Commercialization
DEC 08, 2020

End of Standard Service
DEC 08, 2020



Main

| | |
|------------------------------------|--|
| Range of product | OsiSense XS |
| Series name | Application |
| Sensor type | Inductive proximity sensor |
| Device application | Rotation monitoring |
| Sensor name | XSA |
| Sensor design | Cylindrical M30 |
| Size | 81 mm |
| 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 | 10 mm |
| Discrete output function | 1 NC |
| Output circuit type | DC |
| Discrete output type | PNP |
| Electrical connection | Cable |
| Cable length | 5 m |
| [Us] rated supply voltage | 12...48 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 |

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Complementary

| | |
|----------------------------|----------------|
| Thread type | M30 x 1.5 |
| Detection face | Frontal |
| Front material | PPS |
| Sensing range | > 8...15 mm |
| Adjustable frequency range | 6...150 cyc/mn |

| | |
|--------------------------|---------------------------|
| Operating zone | 0...8 mm |
| Differential travel | 3...15% of Fr |
| Repeat accuracy | 3% of Sr |
| Cable composition | 3 x 0.34 mm ² |
| Wire insulation material | PvR |
| Status LED | Output state: 1 LED (red) |
| Supply voltage limits | 10...58 V DC |
| Switching frequency | <= 100 Hz |
| Maximum voltage drop | <1.8 V (closed) |
| Current consumption | 0...15 mA no-load |
| Run-up delay at power-up | 9 s standard |
| Marking | CE |
| Threaded length | 67 mm |
| Length | 81 mm |
| Net weight | 0.3 kg |






Environment

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|---------------------------------------|------------------|
| Product certifications | CSA CCC UL |
| Ambient air temperature for operation | -40...70 °C |
| Ambient air temperature for storage | -40...85 °C |

Packing Units

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|------------------------------|--------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Weight | 353 g |
| Package 1 Height | 6.6 cm |
| Package 1 width | 9.5 cm |
| Package 1 Length | 13 cm |

Offer Sustainability

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|----------------------------|--|
| Sustainable offer status | Green Premium product |
| 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 |
| Circularity Profile |  End of Life Information |

Contractual warranty

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| Warranty | 18 months |
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