

Product data sheet

Characteristics

XSAV11801

Inductive proximity sensors XS, Rotation monitoring, M30, Sn10mm, 6...150c/mn, 24...240VAC/DC, cable 2 m



Main

| | |
|------------------------------------|--|
| Range of product | Telemecanique Inductive proximity sensors XS |
| Series name | Application |
| Product or component type | Sensor |
| 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 | 2-wire |
| [Sn] nominal sensing distance | 10 Mm |
| Discrete output function | 1 NC |
| Output circuit type | AC/DC |
| Electrical connection | Cable |
| Cable length | 2 M |
| [Us] rated supply voltage | 24...210 V DC 24...240 V AC 50/60 Hz |
| Switching capacity in mA | 5...200 mA DC 5...350 mA AC |
| IP degree of protection | IP67 conforming to IEC 60529 |

Complementary

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|----------------------------|----------------|
| 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 | 2% of Sn |

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|--------------------------|---------------------------|
| Wire insulation material | PvR |
| Status LED | Output state: 1 LED (red) |
| Supply voltage limits | 20...264 V AC/DC |
| Maximum residual current | 1.5 MA open state |
| Switching frequency | <= 100 Hz |
| Maximum voltage drop | <5.7 V (closed) |
| 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 | UL CSA CCC |
| Ambient air temperature for operation | -25...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 | 223.0 G |
| Package 1 Height | 4.1 Cm |
| Package 1 width | 9.5 Cm |
| Package 1 Length | 13.2 Cm |
| Unit Type of Package 2 | S02 |
| Number of Units in Package 2 | 22 |
| Package 2 Weight | 5.23 Kg |
| Package 2 Height | 15 Cm |
| Package 2 width | 30 Cm |
| Package 2 Length | 40 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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Product Life Status : **Commercialised**