

XSAV12801

Inductive proximity sensors XS, Rotation monitoring, M30, Sn10mm, 120...3000c/mn, 24...240VAC/DC, cable 2 m

Main

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|------------------------------------|--|
| 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 | 120...3000 cyc/mn |
| Operating zone | 0...8 mm |
| Differential travel | 3...15% of Fr |
| Repeat accuracy | 3% of Sr |
| Cable composition | 2 x 0.34 mm ² |
| Wire insulation material | PVC |
| 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 | <= 800 Hz |
| Maximum voltage drop | <5.7 V (closed) |
| Run-up delay at power-up | 9 s standard |
| Marking | CE |
| Threaded length | 67 mm |

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|------------|--------|
| Length | 81 mm |
| Net weight | 0.3 kg |



Environment

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|---------------------------------------|--------------------------|
| Product certifications | CSA[RETURN]UL[RETURN]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 Height | 4.100 cm |
| Package 1 Width | 9.500 cm |
| Package 1 Length | 13.000 cm |
| Package 1 Weight | 225.000 g |
| Unit Type of Package 2 | S02 |
| Number of Units in Package 2 | 22 |
| Package 2 Height | 15 cm |
| Package 2 Width | 30 cm |
| Package 2 Length | 40 cm |
| Package 2 Weight | 5.287 kg |

Offer Sustainability

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|--|---|
| Packaging without single use plastic | No |
| Packaging made with recycled cardboard | No |
| SCIP Number | 4f53fb89-c7f9-40e0-9618-8d9cff3e99cd |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) |
| Mercury free | Yes |
| RoHS exemption information |  Yes |
| Circularity Profile |  End Of Life Information |
| 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 |
| Take-back | No |

Contractual warranty

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| Warranty | 18 months |
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