

XS1M30MA250L2

Inductive proximity sensors XS, inductive sensor XS1 M30, L60mm, brass, Sn10mm, 24...240VAC/DC, cable 10 m



Main

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| Range of product | Telemecanique Inductive proximity sensors XS |
| Series name | General purpose |
| Sensor type | Inductive proximity sensor |
| Wiring configuration | 2-wire |
| Output circuit type | AC/DC |
| Protection type | Short-circuit protection multi voltage |
| Device application | 2-wire DC short-circuit protection |
| Sensor name | XS1 |
| Sensor design | Cylindrical M30 |
| Size | 60 mm |
| Body type | Fixed |
| Detector flush mounting acceptance | Flush mountable |
| Material | Metal |
| Type of output signal | Discrete |
| Wiring technique | 2-wire |
| [Sn] nominal sensing distance | 10 mm |
| Discrete output function | 1 NO |
| Electrical connection | Cable |
| Cable length | 10 m |
| [Us] rated supply voltage | 24...210 V DC 24...240 V AC 50/60 Hz |
| Switching capacity in mA | 5...300 mA AC with overload and short-circuit protection 5...200 mA DC with overload and short-circuit protection |
| IP degree of protection | IP68 double insulation conforming to IEC 60529 |

Complementary

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| Thread type | M30 x 1.5 |
| Detection face | Frontal |
| Front material | PPS |
| Enclosure material | Nickel plated brass |
| Operating zone | 0...8 mm |
| Differential travel | 1...15% of Sr |
| Cable composition | 2 x 0.34 mm ² |
| Wire insulation material | PvR |
| Status LED | Output state: 1 LED (yellow) Supply on: 1 LED (green) |
| Supply voltage limits | 20...264 V AC/DC |
| Maximum residual current | 1.5 mA open state |
| Switching frequency | <= 2000 Hz DC <= 25 Hz AC |
| Maximum voltage drop | <5.5 V (closed state) |
| Maximum delay first up | 70 ms |
| Maximum delay response | 2 ms |

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| Maximum delay recovery | 5 ms |
| Marking | CE |
| Threaded length | 51 mm |
| Length | 60 mm |
| Net weight | 0.525 Kg 0.205 kg |

Environment

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|---------------------------------------|---|
| Product certifications | UL CCC CSA |
| Ambient air temperature for operation | -25...70 °C |
| Ambient air temperature for storage | -40...85 °C |
| Vibration resistance | 25 gn amplitude = +/- 2 mm (f = 10...55 Hz) conforming to IEC 60068-2-6 |
| Shock resistance | 50 gn for 11 ms conforming to IEC 60068-2-7 |

Packing Units

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|------------------------------|---------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Weight | 540 g |
| Package 1 Height | 7.8 cm |
| Package 1 width | 8 cm |
| Package 1 Length | 14.8 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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