



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 |
| Device application | 2-wire DC short-circuit protection |
| Sensor name | XS3 |
| Sensor design | Cylindrical M18 |
| Body type | Fixed |
| Detector flush mounting acceptance | Flush mountable |
| Material | Plastic |
| Type of output signal | Discrete |
| Wiring technique | 2-wire |
| Discrete output function | 1 NO |
| 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...300 mA AC with overload and short-circuit protection 5...200 mA DC with overload and short-circuit protection |

Complementary

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|--------------------------|--------------------------|
| Thread type | M18 x 1 |
| Detection face | Frontal |
| Front material | PPS |
| Enclosure material | PPS |
| Differential travel | 1...15% of Sr |
| Cable composition | 2 x 0.34 mm ² |
| Wire insulation material | PvR |
| Maximum residual current | 1.5 mA open state |
| Maximum voltage drop | <5.5 V (closed state) |
| Maximum delay first up | 70 ms |
| Marking | CE |

Environment

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| Product certifications | CCC UL 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 |

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Packing Units

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|------------------------------|----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Weight | 95 g |
| Package 1 Height | 4.1 cm |
| Package 1 width | 9.5 cm |
| Package 1 Length | 13.2 cm |
| Unit Type of Package 2 | BAG |
| Number of Units in Package 2 | 1 |
| Package 2 Weight | 95 g |
| Package 2 Height | 3 cm |
| Package 2 width | 20 cm |
| Package 2 Length | 15 cm |
| Unit Type of Package 3 | S03 |
| Number of Units in Package 3 | 44 |
| Package 3 Weight | 4.983 kg |
| Package 3 Height | 30 cm |
| Package 3 width | 30 cm |
| Package 3 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 |