



Main

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| Range of product | Telemecanique Inductive proximity sensors XS |
| Series name | General purpose |
| Sensor type | Inductive proximity sensor |
| Wiring configuration | 3-wire |
| Output circuit type | DC |
| Protection type | Short-circuit protection |
| Sensor name | XS3 |
| Sensor design | Cylindrical M8 |
| Body type | Fixed |
| Detector flush mounting acceptance | Flush mountable |
| Material | Plastic |
| Type of output signal | Discrete |
| Wiring technique | 3-wire |
| Discrete output function | 1 NO |
| Electrical connection | Male connector |
| [Us] rated supply voltage | 12...24 V DC |
| Switching capacity in mA | 5...200 mA DC with overload and short-circuit protection |

Complementary

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|--------------------------|-----------------------|
| Thread type | M8 x 1 |
| Detection face | Frontal |
| Front material | PPS |
| Enclosure material | PPS |
| Differential travel | 1...15% of Sr |
| 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 | UL[RETURN]CCC[RETURN]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 |

Offer Sustainability

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| Sustainable offer status | Green Premium product |
| 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 |
| For all Reach Rohs enquiries contact us at | sustainability@tesensors.com |