

XS4P18MA230L2

Inductive proximity sensors XS, inductive sensor XS4 M18, L60mm, PPS, Sn8mm, 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 |
| Sensor name | XS4 |
| Sensor design | Cylindrical M18 |
| Size | 62 mm |
| Body type | Fixed |
| Detector flush mounting acceptance | Non flush mountable |
| Material | Plastic |
| Type of output signal | Discrete |
| Wiring technique | 2-wire |
| [Sn] nominal sensing distance | 8 mm |
| Discrete output function | 1 NO |
| Output circuit type | AC/DC |
| Electrical connection | Cable |
| Cable length | 10 m |
| [Us] rated supply voltage | 24...240 V AC/DC 50/60 Hz |
| Switching capacity in mA | 5...200 mA DC 5...300 mA AC |
| IP degree of protection | IP68 double insulation conforming to IEC 60529 |

Complementary

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|--------------------------|------------------------------|
| Thread type | M18 x 1 |
| Detection face | Frontal |
| Front material | PPS |
| Enclosure material | PPS |
| Operating zone | 0...6.4 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 voltage limits | 20...264 V AC/DC |
| Maximum residual current | 0.6 mA open state |
| Switching frequency | <= 2000 Hz DC <= 25 Hz AC |
| Maximum voltage drop | <5.5 V (closed) |
| Maximum delay first up | 40 ms |
| Maximum delay response | 0.2 ms |
| Maximum delay recovery | 0.2 ms |
| Marking | CE |
| Threaded length | 52 mm |
| Height | 18 mm |
| Length | 62 mm |
| Net weight | 0.42 kg |

Environment

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|---------------------------------------|---|
| Product certifications | UL[RETURN]CSA[RETURN]CCC |
| 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 60068-2-27 |

Packing Units

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|------------------------------|---------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 6 cm |
| Package 1 Width | 9.5 cm |
| Package 1 Length | 19.7 cm |
| Package 1 Weight | 264 g |
| Unit Type of Package 2 | S01 |
| Number of Units in Package 2 | 5 |
| Package 2 Height | 15 cm |
| Package 2 Width | 15 cm |
| Package 2 Length | 40 cm |
| Package 2 Weight | 1.49 kg |

Offer Sustainability

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

Contractual warranty

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|----------|-----------|
| Warranty | 18 months |
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