

XS230ALNAL2

inductive sensor XS2 M30, L59mm, PPS,
Sn15mm, 12..24VDC, cable 2m



Main

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|-------------------------------|--|
| Range of product | Telemecanique Inductive proximity sensors XS |
| Series name | General purpose |
| Sensor type | Inductive proximity sensor |
| Sensor name | XS2 |
| Sensor design | Cylindrical M30 |
| Size | 59 mm |
| Body type | Fixed |
| Enclosure material | PPS |
| Type of output signal | Discrete |
| Wiring technique | 3-wire |
| [Sn] nominal sensing distance | 15 mm |
| Discrete output function | 1 NO |
| Discrete output type | NPN |
| Electrical connection | Cable |
| Cable length | 2 m |
| [Us] rated supply voltage | 12...24 V DC with reverse polarity protection |
| Switching capacity in mA | <= 100 mA with overload and short-circuit protection |
| IP degree of protection | IP67 conforming to IEC 60529 |

Complementary

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| ISO thread | M30 x 1.5 |
| Detection face | Frontal |
| Detector flush mounting acceptance | Non flush mountable |
| Material | Plastic |
| Front material | PPS |
| Operating zone | 0...12 mm |
| Differential travel | 1...15% of Sr |
| Output circuit type | DC |
| Cable composition | 3 x 0.34 mm ² |
| Wire insulation material | PVC |
| Status LED | Output state: 1 LED (yellow) |
| Supply voltage limits | 10...36 V DC |
| Maximum voltage drop | <2 V (closed) |
| Current consumption | <= 10 mA no-load |
| Maximum delay first up | 10 ms |
| Maximum delay response | 2 ms |
| Maximum delay recovery | 6 ms |
| Marking | CE |
| Threaded length | 52 mm |
| Length | 59 mm |
| Net weight | 0.135 kg |

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Environment

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|---------------------------------------|---|
| Product certifications | UL[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 60068-2-27 |

Packing Units

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| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |

Contractual warranty

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| Warranty | 18 months |
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