

XS7G12PA140

Inductive proximity sensors XS, inductive sensor XS7 12x40x26, plastic, Sn2mm, 12...24 VDC, cable 2 m



Main

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|-------------------------------|--|
| Range of product | Telemecanique Inductive proximity sensors XS |
| Series name | General purpose |
| Sensor type | Inductive proximity sensor |
| Product specific application | - |
| Sensor name | XS7 |
| Sensor design | Form 12 x 40 x 26 |
| Size | 26 mm |
| Body type | Fixed |
| Enclosure material | Plastic |
| Type of output signal | Discrete |
| Wiring technique | 3-wire |
| [Sn] nominal sensing distance | 2 mm |
| Discrete output function | 1 NO |
| Discrete output type | PNP |
| Electrical connection | Cable |
| Cable length | 2 m |
| Wire insulation material | PVC |
| [Us] rated supply voltage | 12...24 V DC |
| 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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|------------------------------------|------------------------------|
| Detection face | Lateral |
| Detector flush mounting acceptance | Flush mountable |
| Material | Plastic |
| Front material | Plastic |
| Operating zone | 0...1.6 mm |
| Differential travel | 3...20% of Sr |
| Repeat accuracy | <= 10% of Sr |
| Output circuit type | DC |
| Cable composition | 3 x 0.34 mm ² |
| Status LED | Output state: 1 LED (yellow) |
| Supply voltage limits | 10...30 V DC |
| Switching frequency | <= 2000 Hz |
| Maximum voltage drop | <1.8 V (closed) |
| Current consumption | 0...10 mA no-load |
| Maximum delay first up | 4 ms |
| Maximum delay response | 0.5 ms |
| Maximum delay recovery | 1 ms |
| Marking | CE |
| Depth | 26 mm |
| Height | 40 mm |
| Width | 12 mm |

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 |
| Package 1 Height | 4.5 cm |
| Package 1 Width | 4.5 cm |
| Package 1 Length | 14.0 cm |
| Package 1 Weight | 93.0 g |
| Unit Type of Package 2 | S02 |
| Number of Units in Package 2 | 28 |
| Package 2 Height | 15.0 cm |
| Package 2 Width | 30.0 cm |
| Package 2 Length | 40.0 cm |
| Package 2 Weight | 2.991 kg |

Offer Sustainability

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|--|---|
| Sustainable offer status | Green Premium product |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | No need of specific recycling operations Circularity Profile |
| 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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