

XS7C4A1MPN12

inductive sensor, XS7, 40x40x117, PBT,
sensing 15 mm, 24 to 240 VAC/DC, terminals

Main

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|------------------------------------|---|
| Range of Product | Telemecanique Inductive proximity sensors XS |
| Series name | General purpose |
| Sensor Type | Inductive proximity sensor |
| Device Application | - |
| Sensor name | XS7 |
| Sensor design | Form 40 x 40 x 117 |
| Size | 117 mm |
| Body type | Fixed |
| Detector flush mounting acceptance | Flush mountable |
| Material | Plastic |
| Enclosure Material | PBT |
| Type of output signal | Discrete |
| Wiring Technique | 2-wire |
| [Sn] nominal sensing distance | 0.6 in (15 mm) |
| Discrete output function | 1 NO or 1 NC programmable |
| Output circuit type | AC/DC |
| Electrical connection | Screw-clamp terminals, 4 x 1.5 mm ² |
| [Us] rated supply voltage | 24...240 V AC 50/60 Hz 24...240 V DC |
| Switching capacity in mA | 5...200 mA DC 5...300 mA AC |
| IP degree of protection | IP67 conforming to IEC 60529 IP65 conforming to IEC 60529 IP69K conforming to DIN 40050 |

Complementary

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|--------------------------|--|
| Detection face | 5 positions turret head |
| Front material | PBT |
| Operating zone | 0.0000000000...0.5 in (0...12 mm) |
| Differential travel | 3...15% of Sr |
| Repeat accuracy | <= 3% of Sr |
| Cable entry number | 1 tapped entry 1/2" NPT cable gland |
| Status LED | Supply on 1 LED green) Output state 1 LED yellow) |
| Supply voltage limits | 20...264 V AC/DC |
| Maximum residual current | 1.5 MA open state 120 V 0.6 mA open state 24 V |
| Switching frequency | <= 25 Hz AC <= 50 Hz DC |
| Maximum voltage drop | <5.5 V closed) |
| Maximum delay first up | 7.5 ms |
| Maximum delay response | 1.2 ms |
| Maximum delay recovery | 1.8 ms |
| Marking | CE |
| Height | 1.6 in (40 mm) |
| Length | 1.6 in (40 mm) |
| Width | 4.6 in (117 mm) |
| Net Weight | 0.538 lb(US) (0.244 kg) |

Environment

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|---------------------------------------|---|
| Product Certifications | CSA[RETURN]CCC[RETURN]UL |
| Ambient Air Temperature for Operation | -13...158 °F (-25...70 °C) |
| Ambient Air Temperature for Storage | -40...185 °F (-40...85 °C) |
| Vibration resistance | 25 gn +/- 2 mm 10...55 Hz)IEC 60068-2-6 |
| Shock resistance | 50 gn 11 msIEC 60068-2-27 |

Ordering and shipping details

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|-------------------|---------------|
| Category | US10DS222486 |
| Discount Schedule | 0DS2 |
| GTIN | 3389119058162 |
| Returnability | Yes |
| Country of origin | FR |

Packing Units

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|------------------------------|-------------------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 1.811 in (4.600 cm) |
| Package 1 Width | 1.811 in (4.600 cm) |
| Package 1 Length | 5.748 in (14.600 cm) |
| Package 1 Weight | 8.501 oz (241.000 g) |
| Unit Type of Package 2 | S02 |
| Number of Units in Package 2 | 14 |
| Package 2 Height | 5.906 in (15.000 cm) |
| Package 2 Width | 11.811 in (30.000 cm) |
| Package 2 Length | 15.748 in (40.000 cm) |
| Package 2 Weight | 8.106 lb(US) (3.677 kg) |

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 |
| Circularity Profile | No need of specific recycling operations |
| For all Reach Rohs enquiries contact us at | sustainability@tesensors.com |

Contractual warranty

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