

XUDA2PSMM8

Photoelectric sensors XU, fiber optic amplifier,
NO/NC programmable, M8 connector



Main

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| Range of Product | Telemecanique Photoelectric sensors XU |
| Series name | Application assembly |
| Specific application of photoelectric detector | Object |
| Sensor name | XUD |

Complementary

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|---------------------------|---|
| Electronic sensor type | Photo-electric sensor |
| Sensor design | Fiber design |
| Enclosure Material | PBT |
| Wiring Technique | 3-wire |
| Supply circuit type | DC |
| Type of output signal | Discrete |
| Output Type | Solid state |
| Discrete output function | 1 NO or 1 NC programmable |
| Discrete output type | PNP |
| Electrical connection | 1 male connector M8, 4 pins |
| Cable material | PVC |
| Status LED | Stability 1 LED green) Output state 1 LED yellow) |
| [Us] rated supply voltage | 12...24 V DC reverse polarity protection |
| Supply voltage limits | 10.8...26.4 V DC |
| Current consumption | <= 50 mA no-load |
| Switching capacity in mA | <= 100 mA overload protection) <= 100 mA short-circuit protection) |
| Maximum voltage drop | <2 V closed) |
| Time delay range | 0...40 s |
| Switching frequency | <= 1 kHz <= 5 kHz |
| Add on output | With alarm output, 50 mA overload protection With alarm output, 50 mA short-circuit protection |
| Maximum delay first up | 120 ms |
| Maximum delay response | 0.1 ms |
| Maximum delay recovery | 0.1 ms |
| Product Compatibility | Glass or plastic fibre optics 1 mm or 2.2 mm |
| Setting-up | Sensitivity adjustment with teach mode |
| Display Type | 4-digit |
| Lens material | PMMA |
| Depth | 0.39 in (10 mm) |
| Height | 2.56 in (65 mm) |
| Width | 1.57 in (40 mm) |
| Product Weight | 0.09 lb(US) (0.04 kg) |

Environment

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|---------------------------------------|---|
| Emission | Red |
| Interference protection | With |
| Product Certifications | CULus CE |
| IP degree of protection | IP64 optic fiber Ø 1 mm IEC 529 IP65 optic fiber Ø 2 mm IEC 529 |
| Ambient Air Temperature for Operation | 14...131 °F (-10...55 °C) |
| Ambient Air Temperature for Storage | -22...158 °F (-30...70 °C) |
| Vibration resistance | +/-0.5 mm 10...55 Hz)IEC 60068-2-6 7 gn 10...55 Hz)IEC 60068-2-6 |
| Shock resistance | 30 gn 11 ms) IEC 60068-2-27 |



Ordering and shipping details

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|-------------------|------------------------------|
| Category | 22481-SENSORS, PHOTOELECTRIC |
| Discount Schedule | DS2 |
| GTIN | 3389110160338 |
| Returnability | Yes |
| Country of origin | HU |

Packing Units

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|------------------------------|------------------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 1.46 in (3.700 cm) |
| Package 1 Width | 3.23 in (8.200 cm) |
| Package 1 Length | 3.19 in (8.100 cm) |
| Package 1 Weight | 1.45 oz (41.000 g) |
| Unit Type of Package 2 | S02 |
| Number of Units in Package 2 | 45 |
| Package 2 Height | 5.91 in (15.000 cm) |
| Package 2 Width | 11.81 in (30.000 cm) |
| Package 2 Length | 15.75 in (40.000 cm) |
| Package 2 Weight | 4.89 lb(US) (2.220 kg) |

Offer Sustainability

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|----------------------------|---|
| 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 |
| REACH Regulation |  REACH Declaration |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope)  EU RoHS Declaration |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| RoHS exemption information |  Yes |

Contractual warranty

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| Warranty | 18 months |
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