

XUDA2PSML2

photoelectric sensor - fiber optic amplifier - NO/
NC programmable - cable 2m

Product availability: Non-Stock - Not normally stocked in distribution facility



Main

| | |
|--|----------------------|
| Range of product | OsiSense XU |
| Series name | Application assembly |
| Specific application of photoelectric detector | Object |
| Sensor name | XUD |

Complementary

| | |
|---------------------------|---|
| 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 | Cable |
| Cable length | 6.56 ft (2 m) |
| Cable material | PVC |
| Status LED | 1 LED green stability 1 LED yellow output state |
| [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 |
| 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 with overload protection With alarm output, 50 mA with short-circuit protection |
| Delay first up | < 120 ms |
| Delay response | < 0.1 ms |
| 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) |

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| | |
|----------------|-----------------------|
| Width | 1.57 in (40 mm) |
| Product weight | 0.09 lb(US) (0.04 kg) |


Environment

| | |
|---------------------------------------|---|
| Emission | Red |
| Interference protection | With |
| Product certifications | CE cULus |
| IP degree of protection | IP64 IEC 529 optic fiber Ø 1 mm IP65 IEC 529 optic fiber Ø 2 mm |
| Ambient air temperature for operation | 14...131 °F (-10...55 °C) |
| Ambient air temperature for storage | -22...158 °F (-30...70 °C) |
| Vibration resistance | 7 gn 10...55 Hz) IEC 60068-2-6 +/-0.5 mm 10...55 Hz) IEC 60068-2-6 |
| Shock resistance | 30 gn (duration = 11 ms) conforming to IEC 60068-2-27 |

Ordering and shipping details

| | |
|-----------------------|--------------------------------|
| Category | 22481 - SENSORS, PHOTOELECTRIC |
| Discount Schedule | DS2 |
| GTIN | 00785901472407 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 0.17999999999999999 |
| Returnability | N |
| Country of origin | HU |

Offer Sustainability

| | |
|---------------------------|--|
| RoHS (date code: YYWW) | Compliant - since 0623 - Schneider Electric declaration of conformity  Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold |
| California proposition 65 | WARNING: This product can expose you to chemicals including: |
| ----- Substance 1 | Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and |
| ----- Substance 2 | Diisodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. |
| ----- More information | For more information go to www.p65warnings.ca.gov |

Contractual warranty

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

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