

Product data sheet

Characteristics

XUM2ANCNM8

photo-electric sensor - XUM - thru beam - Sn 15m
- 12..24VDC - M8

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

Price** : 93.10 USD



Main

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|-------------------------------|-----------------------------|
| Range of product | OsiSense XU |
| Series name | General purpose single mode |
| Electronic sensor type | Photo-electric sensor |
| Sensor name | XUM |
| Sensor design | Miniature |
| Detection system | Thru beam |
| Material | Plastic |
| Type of output signal | Discrete |
| Supply circuit type | DC |
| Wiring technique | 3-wire |
| Discrete output type | NPN |
| Discrete output function | 1 NO or 1 NC programmable |
| Electrical connection | 1 male connector M8, 4 pins |
| Product specific application | - |
| Emission | Red thru beam |
| [Sn] nominal sensing distance | 49.21 ft (15 m) thru beam |

Complementary

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|---------------------------|--|
| Enclosure material | PBT |
| Lens material | PMMA |
| Output type | Solid state |
| Wire insulation material | PVC |
| Status LED | 1 LED green)instability and receiver/supply on 1 LED orange)transmitter/supply on 1 LED red)receiver/indicator light |
| [Us] rated supply voltage | 12...24 V DC |
| Switching capacity in mA | <= 100 mA overload and short-circuit protection) |
| Switching frequency | <= 1000 Hz |
| Maximum voltage drop | <3 V closed state) |
| Current consumption | 11...13 mA no-load |

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| Maximum delay first up | 100 ms |
| Maximum delay response | 0.5 ms |
| Maximum delay recovery | 0.5 ms |
| Setting-up | Sensitivity adjustment by potentiometer |
| Depth | 0.79 in (20 mm) |
| Height | 1.69 in (43 mm) |
| Width | 0.43 in (11 mm) |
| Net weight | 0.26 lb(US) (0.119 kg) |
| Kit composition | Transmitter + receiver XUM2AKCNM8T + XUM2APCNM8R |

Environment

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|---------------------------------------|---|
| Product certifications | CTick CULus CE |
| Ambient air temperature for operation | -22...140 °F (-30...60 °C) |
| Ambient air temperature for storage | -40...158 °F (-40...70 °C) |
| Vibration resistance | 7 gn +/- 1.5 mm 10...55 Hz) IEC 60068-2-6 |
| Shock resistance | 30 gn 11 ms) IEC 60068-2-27 |
| IP degree of protection | IP67 IEC 60529 IP65 IEC 60529 |

Ordering and shipping details

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|---------------------|---------------------------------------|
| Category | 22415 - SENSORS, PHOTOELECTRIC, BASIC |
| Discount Schedule | DS2 |
| GTIN | 00785901839057 |
| Package weight(Lbs) | 0.02 kg (0.04 lb(US)) |
| Returnability | No |
| Country of origin | TH |

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 |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |

Contractual warranty

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| Warranty | 18 months |
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