

XUM9APSBL5

PHOTOELECTRIC SENSOR MINIATURE REFLEX SN 5M PNP CABLE 5M



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 | Polarised reflex |
| Material | Plastic |
| Type of output signal | Discrete |
| Supply circuit type | DC |
| Wiring technique | 3-wire |
| Discrete output type | PNP |
| Discrete output function | 1 NO or 1 NC programmable |
| Electrical connection | Cable |
| Cable length | 5 m |
| Emission | Red LED polarised reflex |
| [Sn] nominal sensing distance | 5 m with reflector 50 x 50 mm |

Complementary

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| Enclosure material | PBT |
| Lens material | PMMA |
| Output type | Solid state |
| Wire insulation material | PVC |
| Status LED | 1 LED (green) for stability 1 LED (orange) for output state |
| [Us] rated supply voltage | 12...24 V DC with reverse polarity protection |
| Supply voltage limits | 10.2...26.4 V DC |
| Switching capacity in mA | <= 100 mA (overload and short-circuit protection) |
| Switching frequency | <= 500 Hz |
| Voltage drop | <= 2 V |
| Current consumption | 14 mA (no-load) |
| Delay first up | <= 100 ms |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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|----------------|--------------------------------------|
| Delay response | <= 1 ms |
| Delay recovery | <= 1 ms |
| Setting-up | Sensitivity adjustment by pushbutton |
| Depth | 20 mm |
| Height | 34 mm |
| Width | 11 mm |
| Product weight | 0.1 kg |

Environment

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|---------------------------------------|--|
| Product certifications | CE UL RCM |
| Ambient air temperature for operation | -30...55 °C |
| Ambient air temperature for storage | -40...70 °C |
| Vibration resistance | +/- 1.5 mm (f = 10...55 Hz) 2 hours in each direction X, Y and Z conforming to IEC 60068-2-6 |
| Shock resistance | 500 m/s ² (X, Y, Z directions for 10 cycles (approx. 100 min)) conforming to IEC 60068-2-27 |
| IP degree of protection | IP67 conforming to IEC 60529 |