

XURC3NPML2

photo-electric sensor - XUR - diffuse - color - Sn
60mm - 12..24VDC - cable 2m

Price* : 1,838.01 GBP



Main

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|-------------------------------|---|
| Range of product | OsiSense XU |
| Series name | Application packaging |
| Electronic sensor type | Photo-electric sensor |
| Product specific application | Colour |
| Sensor name | XUR |
| Sensor design | Compact |
| Detection system | Diffuse |
| Emission | Red, blue and green |
| [Sn] nominal sensing distance | 40 mm spot Ø 4 mm 50 mm spot Ø 6 mm 60 mm spot Ø 8 mm |
| Material | Metal |
| Supply circuit type | DC |
| Type of output signal | Discrete |
| Wiring technique | 3-wire |
| Discrete output type | NPN |
| Discrete output function | 1 NO |
| Electrical connection | Cable |
| Cable length | 2 m |

Complementary

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|----------------------------|-------------------------|
| Enclosure material | Aluminium |
| Lens material | Glass |
| Cover material | Polyacrylate |
| Output type | Solid state |
| Output function governance | Light on |
| Add on input | Synchro + recording |
| Cable composition | 7 x 0.2 mm ² |
| Wire insulation material | Vinyl rubber |
| Cable outer diameter | 5.4 mm |
| Status LED | Output state: 3 LEDs |

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| [Us] rated supply voltage | 12...24 V DC |
| Supply voltage limits | 10...30 V DC |
| Switching capacity in mA | <= 100 mA (overload and short-circuit protection) |
| Switching frequency | <= 1200 Hz |
| Switching time | 6 ms programmable by switch 0.8 ms programmable by switch 1.5 ms programmable by switch |
| Maximum voltage drop | <1.5 V (closed state) |
| Current consumption | <= 150 mA no-load |
| Time delay range | 40 ms on falling edge programmable by switch delay |
| Setting-up | Operating mode Tolerance level Sensitivity adjustment with teach mode |
| Depth | 57 mm |
| Height | 87 mm |
| Width | 30 mm |
| Net weight | 0.26 kg |

Environment

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|---------------------------------------|---|
| Product certifications | CE |
| Ambient air temperature for operation | -10...50 °C |
| Ambient air temperature for storage | -30...70 °C |
| Relative humidity | 35...85 % without condensation |
| Immunity to ambient light | 10000 lux sunlight 3000 lux halogen light |
| Vibration resistance | 7 gn, amplitude = +/- 0.75 mm (f = 10...55 Hz) on the 3 axes during 2 hours conforming to IEC 60068-2-6 |
| Shock resistance | 50 gn for 5 shocks on each axis conforming to IEC 60068-2-27 |
| IP degree of protection | IP67 conforming to IEC 60529 |

Contractual warranty

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| Warranty | 18 months |
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