



Main

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|-------------------------------|---|
| Range of product | Telemecanique Photoelectric sensors XU |
| Series name | Application, conveyor system and access control |
| Electronic sensor type | Photo-electric sensor |
| Sensor name | XUY |
| Sensor design | Roller sensor |
| Detection system | Diffuse |
| Material | Metal |
| Type of output signal | Discrete |
| Supply circuit type | DC |
| Wiring technique | 4-wire |
| Discrete output type | PNP or NPN |
| Discrete output function | 1 NO or 1 NC |
| Electrical connection | 1 remote connector M12, 4 pins |
| Cable length | 0.3 m |
| Product specific application | Conveyor system |
| Emission | Infrared |
| [Sn] nominal sensing distance | 100 mm diffuse |

Complementary

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|---------------------------|--|
| Enclosure material | Aluminium |
| Lens material | Polycarbonate |
| Cover material | PVC |
| Pulse frequency | 1 kHz |
| Output type | Solid state |
| Status LED | 1 LED color: yellow for output signal |
| [Us] rated supply voltage | 12...24 V DC with reverse polarity protection |
| Supply voltage limits | 18...30 V DC |
| Switching capacity in mA | 100 mA (overload and short-circuit protection) |
| Switching frequency | 500 Hz |
| Maximum voltage drop | <2 V at 100 mA |
| Current consumption | < 35 mA no-load |
| Maximum delay response | 1 ms |
| Diameter | 12 mm |
| Length | 686 mm |

Environment

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|---------------------------------------|------------------------------|
| Product certifications | CE[RETURN]UKCA[RETURN]cCSAus |
| Ambient air temperature for operation | -10...55 °C |
| Ambient air temperature for storage | -20...70 °C |
| IP degree of protection | IP50 conforming to IEC 60529 |

Packing Units

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|------------------------------|---------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 9.0 cm |
| Package 1 Width | 9.0 cm |
| Package 1 Length | 86.0 cm |
| Package 1 Weight | 0.5 kg |