



Main

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| Range of Product | Telemecanique Photoelectric sensors XU |
| Series name | Application |
| Specific application of photoelectric detector | Detection of little marks and coloured tags Sorting out of coloured parts Detection of translucent coloured parts Quality control of lids colour or presence of labels Detection of coloured wires Detection of one to four colours |
| Sensor name | XUY |
| Sensor design | Fiber design |

Complementary

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|----------------------------|---|
| Electronic sensor type | Photo-electric sensor |
| Material | Plastic |
| Enclosure Material | Polycarbonate strong housing |
| Type of output signal | Discrete |
| Supply circuit type | DC |
| [Us] rated supply voltage | 24 V DC reverse polarity protection |
| Supply voltage limits | 21.6...26.4 V DC |
| Voltage state 0 guaranteed | < 1.4 V |
| Voltage state 1 guaranteed | > 3 V |
| Switching capacity in mA | 100 mA overload and short-circuit protection) |
| Switching frequency | 25 Hz 500 Hz |
| Maximum voltage drop | <2.2 V 100 mA <0.5 V 10 mA |
| Current consumption | 120 mA no-load |
| Maximum delay response | 1 Ms XUYFPCF. 20 ms XUYFPCP. |
| Maximum delay recovery | 1 Ms XUYFPCF. 20 ms XUYFPCP. |
| Setting-up | Sensitivity adjustment with teach mode |

Environment

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| Product Certifications | CE cULus |
| Ambient Air Temperature for Operation | 32...104 °F (0...40 °C) |
| Ambient Air Temperature for Storage | -4...140 °F (-20...60 °C) |
| Immunity to ambient light | 3000 Lux incandescent bulb 5000 lux natural light |
| IP degree of protection | IP65 |

Ordering and shipping details




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|-----------------------|------------------------------|
| Category | 22481-SENSORS, PHOTOELECTRIC |
| Discount Schedule | DS2 |
| GTIN | 3389119019811 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 4.23 oz (120.0 g) |

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|-------------------|----|
| Returnability | No |
| Country of origin | FR |

Packing Units

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|------------------------------|------------------------|
| Unit Type of Package 1 | PCE |
| Package 1 Height | 1.38 in (3.5 cm) |
| Package 1 width | 2.76 in (7 cm) |
| Package 1 Length | 5.12 in (13 cm) |
| Unit Type of Package 2 | S02 |
| Number of Units in Package 2 | 35 |
| Package 2 Weight | 9.78 lb(US) (4.434 kg) |
| Package 2 Height | 5.91 in (15 cm) |
| Package 2 width | 11.81 in (30 cm) |
| Package 2 Length | 15.75 in (40 cm) |

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