# Product data sheet
## Characteristics

# XUMTARAYM8
Photoelectric sensors XUMT, Transparent reflex, Plastic, Sn 2m, IO-Link, Connector M8

## Main

| | |
|---|---|
| Range of product | Telemecanique Photoelectric sensors XU |
| Series name | Application packaging |
| Electronic sensor type | Photo-electric sensor |
| Sensor name | XUM |
| Sensor design | Miniature |
| Detection system | Reflex |
| Material | Plastic |
| Type of output signal | Discrete |
| Supply circuit type | DC |
| Discrete output type | PNP/NPN autodetect<br>IOLINK |
| Discrete output function | 1 NO or 1 NC programmable |
| Electrical connection | 1 male connector M8, 4 pins |
| Product specific application | Detection of transparent object |
| Emission | Red reflex |
| [Sn] nominal sensing distance | 2 m reflex need reflector XUZC50 |

## Complementary

| | |
|---|---|
| Enclosure material | ABS |
| Lens material | PMMA |
| Maximum sensing distance | 2 m reflex |
| Output type | Solid state |
| Output function governance | NO/NC programmable |
| Add on output | Without, 100 mA |
| Add on input | Remote teaching |
| Status LED | 1 LED (green) for power ON<br>1 LED (orange) for output state |
| [Us] rated supply voltage | 12...24 V DC with reverse polarity protection |
| Supply voltage limits | 10…30 V DC |
| Switching capacity in mA | <= 100 mA (overload and short-circuit protection) |
| Switching frequency | <= 1000 Hz |
| Current consumption | <= 30 mA no-load |
| Maximum delay first up | 300 ms |
| Maximum delay response | 500 µs |
| Maximum delay recovery | 300 ms |
| Setting-up | Sensitivity adjustment with teach mode<br>Sensitivity by IO-Link |
| Height | 34 mm |
| Length | 20 mm |
| Width | 12 mm |
| Net weight | 0.017 kg |

## Environment

| | |
|---|---|
| Product certifications | CE[RETURN]UKCA[RETURN]cULus |
| Ambient air temperature for operation | -25…60 °C |
| Ambient air temperature for storage | -20…80 °C |
| IP degree of protection | IP67 conforming to IEC 60529<br>IP69K conforming to DIN 40050-9 |

## Packing Units

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|---|---|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 9 cm |
| Package 1 Width | 3 cm |
| Package 1 Length | 6 cm |
| Package 1 Weight | 45 g |
| Unit Type of Package 2 | S01 |
| Number of Units in Package 2 | 30 |
| Package 2 Height | 15 cm |
| Package 2 Width | 15 cm |
| Package 2 Length | 40 cm |
| Package 2 Weight | 870 g |

## Contractual warranty

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|---|---|
| Warranty | 18 months |

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Sensors