# Product data sheet
## Characteristics

# XUVR0605PANM8
## Photoelectric sensors XU, XUV, fork, 50X60mm, 12...24 VDC, M8



## Main

| | |
|---|---|
| Range of product | Telemecanique Photoelectric sensors XU |
| Series name | General purpose |
| Electronic sensor type | Photo-electric sensor |
| Sensor name | XUVR |
| Sensor design | Fork |
| Detection system | Thru beam |
| Emission | Red LED, modulated |
| Passage width | 50 Mm |
| Passage depth | 60 Mm |
| Material | Metal/Plastic |
| Supply circuit type | DC |
| Wiring technique | 3-wire |
| Discrete output type | PNP |
| Discrete output function | 1 NO |
| Electrical connection | 1 male connector M8, 3 pins |
| Product specific application | Detection on small conveyor |
| [Sn] nominal sensing distance | 50 Mm |

## Complementary

| | |
|---|---|
| Enclosure material | Painted aluminium and polyamide/glass |
| Spot diameter | 0.8 mm |
| Type of output signal | Discrete |
| Output type | Solid state |
| Status LED | Output state: 1 LED (yellow) |
| [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 | 4000 Hz |
| Maximum voltage drop | <1.5 V (closed state) |
| Current consumption | < 20 mA no-load |
| Net weight | 0.19 Kg |

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## Environment

| | |
|---|---|
| Product certifications | UL<br>CSA<br>CE |
| Ambient air temperature for operation | -10…60 °C |
| Ambient air temperature for storage | -40…80 °C |
| Immunity to ambient light | 10000 Lux natural light<br>5000 Lux incandescent bulb |
| Vibration resistance | 7 gn, amplitude = +/- 0.75 mm (f = 10…55 Hz) conforming to IEC 60068-2-6 |
| Shock resistance | 30 gn (duration = 11 ms) conforming to IEC 60068-2-27 |
| IP degree of protection | IP65<br>IP67 |

## Packing Units

| | |
|---|---|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Weight | 72.0 G |
| Package 1 Height | 1.8 Cm |
| Package 1 width | 16.2 Cm |
| Package 1 Length | 12.8 Cm |
| Unit Type of Package 2 | S02 |
| Number of Units in Package 2 | 30 |
| Package 2 Weight | 2.479 Kg |
| Package 2 Height | 15 Cm |
| Package 2 width | 30 Cm |
| Package 2 Length | 40 Cm |

## Offer Sustainability

| | |
|---|---|
| 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 |

## Contractual warranty

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

Product Life Status : Commercialised