

# XULH703535D

Photoelectric sensors XU, photo electric sensor, XUL, diffuse, Sn 0.7 m, 12...24 VDC, M12



## Main

|                               |                                        |
|-------------------------------|----------------------------------------|
| Range of product              | Telemecanique Photoelectric sensors XU |
| Series name                   | General purpose single mode            |
| Electronic sensor type        | Photo-electric sensor                  |
| Sensor name                   | XUL                                    |
| Sensor design                 | Compact                                |
| Detection system              | Diffuse                                |
| Material                      | Plastic                                |
| Type of output signal         | Discrete                               |
| Supply circuit type           | DC                                     |
| Wiring technique              | 3-wire                                 |
| Discrete output type          | PNP                                    |
| Discrete output function      | 1 NO or 1 NC programmable              |
| Electrical connection         | 1 male connector M12, 4 pins           |
| Product specific application  | -                                      |
| Emission                      | Infrared diffuse                       |
| [Sn] nominal sensing distance | 0.7 m diffuse                          |

## Complementary

|                            |                                                   |
|----------------------------|---------------------------------------------------|
| Enclosure material         | ABS                                               |
| Lens material              | PMMA                                              |
| Maximum sensing distance   | 0.9 m                                             |
| Output type                | Solid state                                       |
| Output function governance | Light or dark programmable                        |
| Add on output              | Without                                           |
| Cable composition          | 4 x 0.34 mm <sup>2</sup>                          |
| Wire insulation material   | PVC                                               |
| Cable outer diameter       | 6 mm                                              |
| Status LED                 | 1 LED 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        | <= 250 Hz                                         |
| Maximum voltage drop       | <1.5 V (closed state)                             |
| Current consumption        | <= 35 mA no-load                                  |
| Maximum delay first up     | 15 ms                                             |
| Maximum delay response     | 2 ms                                              |
| Maximum delay recovery     | 2 ms                                              |
| Setting-up                 | Without sensitivity adjustment                    |
| Depth                      | 35 mm                                             |
| Height                     | 70 mm                                             |
| Width                      | 18 mm                                             |
| Net weight                 | 0.135 kg                                          |
| Kit composition            | Bracket XULZ41<br>Sensor                          |

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## Environment

|                                       |                                                                         |
|---------------------------------------|-------------------------------------------------------------------------|
| Product certifications                | CE<br>UR<br>CSA                                                         |
| Ambient air temperature for operation | -25...55 °C                                                             |
| Ambient air temperature for storage   | -40...70 °C                                                             |
| Vibration resistance                  | 7 gn, amplitude = +/- 2 mm (f = 10...55 Hz) conforming to IEC 60068-2-6 |
| Shock resistance                      | 20 gn (duration = 11 ms) conforming to IEC 60068-2-27                   |
| IP degree of protection               | IP67 conforming to IEC 60529<br>IP671 conforming to NF C 20-010         |

## Packing Units

|                              |          |
|------------------------------|----------|
| Unit Type of Package 1       | PCE      |
| Number of Units in Package 1 | 1        |
| Package 1 Weight             | 97 g     |
| Package 1 Height             | 4.5 cm   |
| Package 1 width              | 7 cm     |
| Package 1 Length             | 8.5 cm   |
| Unit Type of Package 2       | S01      |
| Number of Units in Package 2 | 24       |
| Package 2 Weight             | 2.573 kg |
| Package 2 Height             | 15 cm    |
| Package 2 width              | 15 cm    |
| Package 2 Length             | 40 cm    |

## Offer Sustainability

|                   |                                                                                                                       |
|-------------------|-----------------------------------------------------------------------------------------------------------------------|
| REACH Regulation  |  <a href="#">REACH Declaration</a> |
| EU RoHS Directive | Not applicable, out of EU RoHS legal scope                                                                            |

## Contractual warranty

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