



Main

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| 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 | Polarised reflex |
| Material | Plastic |
| Type of output signal | Discrete |
| Supply circuit type | AC/DC |
| Wiring technique | 2-wire |
| Discrete output function | 1 NO |
| Electrical connection | 1 male connector 1/2"20 UNF, 3 pins |
| Product specific application | - |
| Emission | Red polarised reflex |
| [Sn] nominal sensing distance | 4 m polarised reflex need reflector XUZC80 |

Complementary

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| Enclosure material | ABS/PC |
| Lens material | PMMA |
| Maximum sensing distance | 8 m with reflector Ø 80 mm |
| Output type | Solid state |
| Output function governance | Dark |
| Add on output | Without |
| Cable composition | 2 x 0.34 mm ² |
| Wire insulation material | PVC |
| Cable outer diameter | 6 mm |
| Status LED | 1 LED for output state |
| [Us] rated supply voltage | 24...240 V AC/DC |
| Supply voltage limits | 20...264 V AC/DC |
| Maximum residual current | 1.5 mA open state AC/DC |
| Switching capacity in mA | <= 3000 mA (inrush mode, to be used with 0.63 A quick-blow fuse in series with the load) >= 5 mA (sealed mode, to be used with 0.63 A quick-blow fuse in series with the load) |
| Switching frequency | <= 20 Hz |
| Maximum voltage drop | <10 V (closed state)(I = 5 mA) <3 V (closed state)(I = 0.1...0.5 A) <5.5 V (closed state)(I = 10 mA) |
| Maximum delay first up | 300 ms |
| Maximum delay response | 20 ms |
| Maximum delay recovery | 20 ms |
| Setting-up | Without sensitivity adjustment |
| Depth | 35 mm |
| Height | 70 mm |
| Width | 18 mm |
| Net weight | 0.61 kg |
| Kit composition | Sensor Bracket XULZ41 |

Environment

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|---------------------------------------|---|
| Product certifications | CE |
| Ambient air temperature for operation | -25...60 °C |
| Ambient air temperature for storage | -40...80 °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 | IP65 conforming to IEC 60529 IP651 conforming to NF C 20-010 |

Packing Units

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| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |

Contractual warranty

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| Warranty | 18 months |
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