

XUK2ARCNL10R

Photoelectric sensors XU, photo electric sensor, XUK, receiver, Sn 30 m, 24...240VAC/DC, cable 10 m



Main

| | |
|-------------------------------|--|
| Range of product | Telemecanique Photoelectric sensors XU |
| Series name | General purpose single mode |
| Electronic sensor type | Photo-electric sensor receiver |
| Sensor name | XUK |
| Sensor design | Compact 50 x 50 |
| Detection system | Thru beam |
| Material | Plastic |
| Type of output signal | Discrete |
| Supply circuit type | AC/DC |
| Wiring technique | 5-wire |
| Discrete output function | 1 NC + 1 NO |
| Electrical connection | Cable |
| Cable length | 10 m |
| Product specific application | - |
| Emission | Infrared thru beam |
| [Sn] nominal sensing distance | 30 m thru beam need a transmitter XUK2ARCNL10T |

Complementary

| | |
|--------------------------------|---|
| Enclosure material | PBT |
| Lens material | PMMA |
| Maximum sensing distance | 45 m thru beam |
| Output type | Relay |
| Add on output | Without |
| Wire insulation material | PVC |
| Status LED | 1 LED (yellow) for output state |
| [Us] rated supply voltage | 24...240 V AC/DC |
| Supply voltage limits | 20...264 V AC/DC |
| Switching capacity in mA | 3 A ($\cos \varphi = 1$ for 0.5 million cycles at 1 operating cycle per second at 250 V) |
| Switching frequency | ≤ 20 Hz |
| Maximum voltage drop | < 1.5 V (closed state) |
| Maximum power consumption in W | 2 W AC |
| Maximum delay first up | 60 ms |
| Maximum delay response | 25 ms |
| Maximum delay recovery | 25 ms |
| Setting-up | Without sensitivity adjustment |
| Electrical durability | 500000 cycles, $\cos f = 1$, operating rate < 60 cyc/mn at 250 V |
| Depth | 50 mm |
| Height | 50 mm |
| Width | 18 mm |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

| | |
|---------------------------------------|---|
| Product certifications | CE UL CSA |
| Ambient air temperature for operation | -25...55 °C |
| Ambient air temperature for storage | -40...70 °C |
| Vibration resistance | 7 gn, amplitude = +/- 1.5 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 double insulation conforming to IEC 60529 |

Packing Units

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|------------------|----------|
| Package 1 Weight | 0.584 kg |
| Package 1 Height | 0.850 dm |
| Package 1 width | 1.500 dm |
| Package 1 Length | 1.400 dm |

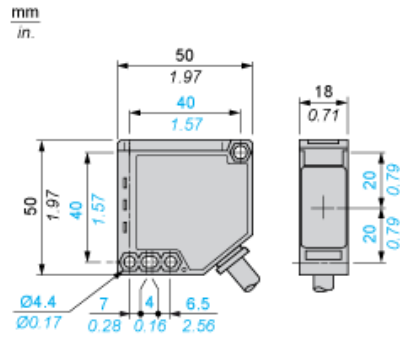
Offer Sustainability

| | |
|----------------------------|--|
| Sustainable offer status | Green Premium product |
| 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 |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End Of Life Information |

Contractual warranty

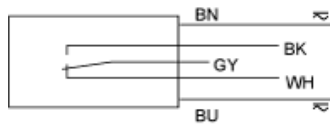
| | |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

Dimensions



Wiring Schemes

Relay Output



BN : Brown
BU : Blue
NO/ Black
BK :
RelayGrey
common/
GY :
NC/ White
WH :

Detection Curves

