

Product Datasheet

Characteristic

XUB0AKSNL2T

photo-electric sensor - XUB - emitter -
12..24VDC - cable 2m



Main

| | |
|-------------------------------|---|
| range of product | OsiSense XU |
| series name | general purpose multimode |
| electronic sensor type | photo-electric sensor transmitter |
| sensor name | XUB |
| sensor design | cylindrical M18 |
| detection system | thru beam |
| material | plastic |
| line of sight type | axial |
| type of output signal | discrete |
| supply circuit type | DC |
| wiring technique | 3-wire |
| electrical connection | cable |
| cable length | 6.56 ft (2 m) |
| product specific application | - |
| emission | infrared thru beam |
| [Sn] nominal sensing distance | 65.62 ft (20 m) thru beam need a receiver |

Complementary

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|---------------------------|---|
| enclosure material | PBT |
| lens material | PMMA |
| maximum sensing distance | 98.43 ft (30 m) thru beam |
| output type | solid state |
| add on input | test by emission breaking |
| wire insulation material | PvR |
| status LED | 1 LED green supply on |
| [Us] rated supply voltage | 12...24 V DC with reverse polarity protection |
| supply voltage limits | 10...36 V DC |
| switching capacity in mA | <= 100 mA overload and short-circuit protection |
| switching frequency | <= 250 Hz |
| voltage drop | 1.5 V (closed state) |
| current consumption | 20 mA (no-load) |
| delay first up | < 200 ms |

| | |
|----------------|--------------------------------|
| delay response | < 2 ms |
| delay recovery | < 2 ms |
| setting-up | without sensitivity adjustment |
| diameter | 0.71 in (18 mm) |
| length | 2.44 in (62 mm) |
| product weight | 0.21 lb(US) (0.095 kg) |

Environment

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|---------------------------------------|--|
| product certifications | CE CSA UL |
| ambient air temperature for operation | -13...131 °F (-25...55 °C) |
| ambient air temperature for storage | -40...158 °F (-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 IP67 (double insulation) conforming to IEC 60529 |

Offer Sustainability

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|--------------------------|---|
| Sustainable offer status | Not Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 0821 - Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold |