XUYBCO929LSP



Main

| Range of product | OsiSense XU |
|-------------------------------|--|
| Series name | Application assembly |
| Electronic sensor type | Photo-electric sensor |
| Sensor name | XUY |
| Sensor design | Miniature |
| Detection system | Polarised reflex |
| 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 M8, 4 pins |
| Product specific application | Monitoring of small parts on production machine Setting up of sensors |
| Emission | Red LED, pulsed (class 2) conforming to IEC 825-1 |
| [Sn] nominal sensing distance | 0.11 m need reflector XUY1111 |

Complementary

| Enclosure material | ABS | |
|---------------------------|--|---|
| Pulse frequency | 5 kHz | - |
| Spot diameter | <= 0.03 in (0.7 mm) | |
| Output type | Solid state | |
| Status LED | 1 LED (yellow) output state 1 LED (green) supply on/dirty | |
| [Us] rated supply voltage | 1224 V DC with reverse polarity protection | |
| Supply voltage limits | 1030 V DC | |
| Switching capacity in mA | 100 mA (overload and short-circuit protection) | |
| Switching frequency | 1000 Hz | - |
| Voltage drop | <= 2.4 V (closed state) | |
| Current consumption | < 25 mA (no-load) | |
| Delay response | 3 µs | |
| Setting-up | Using teach button or remote teaching | |
| Product weight | 0.12 lb(US) (0.056 kg) | |
| | The state of the s | |

Environment

| product certifications | CE CULus |
|---------------------------------------|--|
| ambient air temperature for operation | -4140 °F (-2060 °C) |
| ambient air temperature for storage | -4176 °F (-2080 °C) |
| immunity to ambient light | 5000 lux |
| vibration resistance | 7 gn, amplitude = +/- 1.5 mm (f = 1055 Hz) conforming to IEC 60068-2-6 |
| shock resistance | 30 gn (duration = 11 ms) conforming to IEC 60068-2-27 |
| IP degree of protection | IP67 conforming to IEC 60529 |

Offer Sustainability

| Not Green Premium product | Not Green Premium product | |
|---------------------------|-----------------------------|--|
| Hot Groom Fromain product | rtot Groot i romani product | |

WARNING: This product can expose you to chemicals including:

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Diisononyl phthalate (DINP), which is known to the State Diisononyl phthalate (DINP), which is known to the State of California to cause of California to cause cancer, and

Di-isodecyl phthalate (DIDP), which is known to the StateDi-isodecyl phthalate (DIDP), which is known to the State of California to cause birth of California to cause birth defects or other reproductive defects or other reproductive harm.

For more information go to www.p65warnings.ca.gov

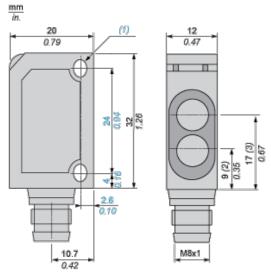
For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period

18 months

Dimensions



- (1) 2 elongated holes Ø 3.2 x 4.2
- (2) Transmitter optical axis
- (3) Receiver optical axis

Wiring Schemes

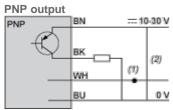


1: Brown

2: White

3: Blue

4: Black



(+) Brown

BN:

WH:White

(-) Blue

BU:

(Output)Black



BK:

- (1) Connected to +: external teaching, connected to -: locking of functions
- (2) Output 100 mA max.