



## Main

|                               |                             |
|-------------------------------|-----------------------------|
| Range of product              | OsiSense XU                 |
| Series name                   | General purpose             |
| Electronic sensor type        | Photo-electric sensor       |
| Sensor name                   | XUVR                        |
| Sensor design                 | Fork                        |
| Detection system              | Thru beam                   |
| Emission                      | Red LED, modulated          |
| Passage width                 | 1.18 in (30 mm)             |
| Passage depth                 | 1.18 in (30 mm)             |
| Material                      | Metal/plastic               |
| Supply circuit type           | DC                          |
| Wiring technique              | 3-wire                      |
| Discrete output type          | PNP                         |
| Discrete output function      | 1 NO                        |
| Electrical connection         | Cable                       |
| Cable length                  | 6.56 ft (2 m)               |
| Product specific application  | Detection on small conveyor |
| [Sn] nominal sensing distance | 1.18 in (30 mm)             |

## Complementary

|                           |                                                |
|---------------------------|------------------------------------------------|
| Enclosure material        | Painted aluminium and polyamide/glass          |
| Spot diameter             | 0.03 in (0.8 mm)                               |
| Type of output signal     | Discrete                                       |
| Output type               | Solid state                                    |
| Wire insulation material  | PvR                                            |
| Status LED                | 1 LED (yellow) 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       | 4000 Hz                                        |
| Voltage drop              | <= 1.5 V (closed state)                        |
| Current consumption       | < 20 mA (no-load)                              |
| Product weight            | 0.42 lb(US) (0.19 kg)                          |

## Environment

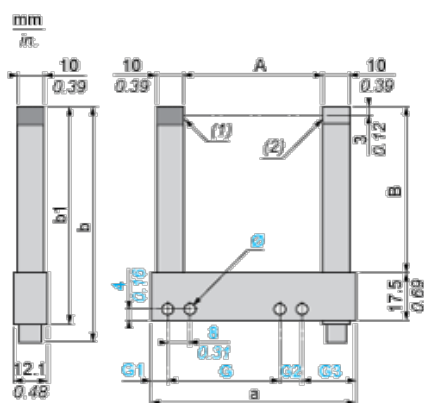
|                                       |                                                                            |
|---------------------------------------|----------------------------------------------------------------------------|
| product certifications                | CE<br>CSA<br>UL                                                            |
| ambient air temperature for operation | 14...140 °F (-10...60 °C)                                                  |
| ambient air temperature for storage   | -40...176 °F (-40...80 °C)                                                 |
| immunity to ambient light             | 10000 lux with natural light<br>5000 lux with incandescent bulb            |
| vibration resistance                  | 7 gn, amplitude = +/- 0.75 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<br>IP67                                                               |

## Offer Sustainability

The information provided in this documentation contains general descriptions and/or technical characteristics of the products of the Schneider Electric group. It 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.

|                                                                                                                            |                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Not Green Premium product                                                                                                  | Not Green Premium product                                                                                                  |
| Compliant - since 0906 - Schneider Electric declaration of conformity                                                      | Compliant - since 0906 - Schneider Electric declaration of conformity                                                      |
| WARNING: This product can expose you to chemicals including:                                                               | WARNING: This product can expose you to chemicals including:                                                               |
| Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and                                | Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and                                |
| Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. | Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. |
| For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                              | For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                              |

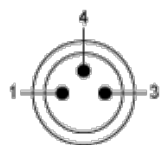
|                 |           |
|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|



**Dimensions in mm**

Dimensions in in.

## Wiring Schemes



## PNP Output

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



Тел: +7 (812) 336 43 04 (многоканальный)

Email: [org@lifeelectronics.ru](mailto:org@lifeelectronics.ru)

[www.lifeelectronics.ru](http://www.lifeelectronics.ru)