



## Main

|                               |                                                      |
|-------------------------------|------------------------------------------------------|
| Range of product              | OsiSense XU                                          |
| Series name                   | General purpose single mode                          |
| Electronic sensor type        | Photo-electric sensor                                |
| Sensor name                   | XU9                                                  |
| Sensor design                 | Cylindrical M18                                      |
| Detection system              | Polarised reflex                                     |
| Material                      | Metal                                                |
| Line of sight type            | Axial                                                |
| Type of output signal         | Discrete                                             |
| Supply circuit type           | AC/DC                                                |
| Wiring technique              | 2-wire                                               |
| Discrete output function      | 1 NO                                                 |
| Electrical connection         | Cable                                                |
| Cable length                  | 6.56 ft (2 m)                                        |
| Product specific application  | -                                                    |
| Emission                      | Red polarised reflex                                 |
| [Sn] nominal sensing distance | 6.56 ft (2 m) polarised reflex need reflector XUZC50 |

## Complementary

|                           |                                                                             |
|---------------------------|-----------------------------------------------------------------------------|
| Enclosure material        | Nickel plated brass                                                         |
| Lens material             | PMMA                                                                        |
| Maximum sensing distance  | 9.84 ft (3 m)                                                               |
| Output type               | Solid state                                                                 |
| Add on output             | Without                                                                     |
| Wire insulation material  | PvR                                                                         |
| Status LED                | 1 LED (red) instability<br>1 LED (yellow) output state                      |
| [Us] rated supply voltage | 24...240 V AC/DC                                                            |
| Supply voltage limits     | 20...264 V AC/DC                                                            |
| Residual current          | < 1.5 mA (open state)                                                       |
| Switching capacity in mA  | 10...200 mA (to be used with 0.4 A quick-blow fuse in series with the load) |
| Switching frequency       | <= 25 Hz                                                                    |
| Voltage drop              | 6 V (closed state)                                                          |
| Delay first up            | < 300 ms                                                                    |
| Delay response            | < 20 ms                                                                     |
| Delay recovery            | < 20 ms                                                                     |
| Setting-up                | Sensitivity adjustment                                                      |
| Diameter                  | 0.71 in (18 mm)                                                             |
| Length                    | 3.74 in (95 mm)                                                             |
| Product weight            | 0.2 lb(US) (0.09 kg)<br>0.21 lb(US) (0.095 kg)                              |
| Kit composition           | Sensor<br>Reflector XUZC50                                                  |

## Environment

|                        |                 |
|------------------------|-----------------|
| product certifications | CE<br>CSA<br>UL |
|------------------------|-----------------|

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.

|                                       |                                                                           |
|---------------------------------------|---------------------------------------------------------------------------|
| 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               | IP67 conforming to IEC 60529                                              |

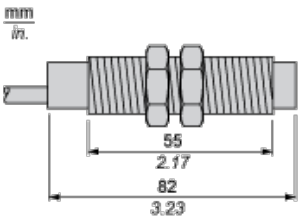
Offer Sustainability

|                                                                                                                            |                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Not Green Premium product                                                                                                  | Not Green Premium product                                                                                                  |
| Compliant - since 0912 - Schneider Electric declaration of conformity                                                      | Compliant - since 0912 - Schneider Electric declaration of conformity                                                      |
| Reference not containing SVHC above the threshold                                                                          | Reference not containing SVHC above the threshold                                                                          |
| 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>                              |

Contractual warranty

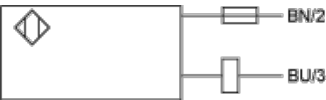
|                 |           |
|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|

Dimensions



Wiring Schemes

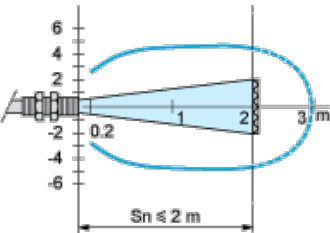
2-wire AC or DC



BU : Blue  
BN : Brown

Detection Curves

Polarised Reflex System



With reflector XUZC50



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

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- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
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- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
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- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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