



## Main

|                               |                                          |
|-------------------------------|------------------------------------------|
| Range of product              | OsiSense XU                              |
| Series name                   | Application material handling            |
| Electronic sensor type        | Photo-electric sensor                    |
| Sensor name                   | XUV                                      |
| Sensor design                 | Fork                                     |
| Detection system              | Thru beam                                |
| Emission                      | Infrared                                 |
| Passage width                 | 30 mm                                    |
| Passage depth                 | 40 mm                                    |
| Material                      | Plastic                                  |
| Supply circuit type           | DC                                       |
| Wiring technique              | 3-wire                                   |
| Discrete output type          | PNP                                      |
| Discrete output function      | 1 NO                                     |
| Electrical connection         | Cable                                    |
| Cable length                  | 2 m                                      |
| Product specific application  | Detection of flags in lifts/transtockers |
| [Sn] nominal sensing distance | 30 mm                                    |

## Complementary

|                            |                                                   |
|----------------------------|---------------------------------------------------|
| Enclosure material         | ABS/PC                                            |
| Lens material              | PMMA                                              |
| Type of output signal      | Discrete                                          |
| Output type                | Solid state                                       |
| Output function governance | Dark                                              |
| Cable composition          | 3 x 0.34 mm <sup>2</sup>                          |
| Wire insulation material   | PvR                                               |
| Cable outer diameter       | 5 mm                                              |
| Status LED                 | 1 LED (red) for output state                      |
| [Us] rated supply voltage  | 24 V DC with reverse polarity protection          |
| Supply voltage limits      | 19...38 V DC                                      |
| Switching capacity in mA   | <= 150 mA (overload and short-circuit protection) |
| Switching frequency        | <= 1 kHz                                          |
| Voltage drop               | <= 1.5 V (closed state)                           |
| Current consumption        | <= 20 mA (no-load)                                |
| Delay first up             | <= 30 ms                                          |
| Delay response             | 0.5 ms                                            |
| Delay recovery             | 0.5 ms                                            |
| Setting-up                 | Without sensitivity adjustment                    |
| Depth                      | 68 mm                                             |
| Height                     | 59 mm                                             |
| Width                      | 14 mm                                             |
| Product weight             | 0.13 kg                                           |

## Environment

|                                       |                                                                         |
|---------------------------------------|-------------------------------------------------------------------------|
| Product certifications                | CE                                                                      |
| Ambient air temperature for operation | -5...55 °C                                                              |
| Ambient air temperature for storage   | -20...70 °C                                                             |
| Vibration resistance                  | 7 gn, amplitude = +/- 1 mm (f = 10...42 Hz) conforming to IEC 60068-2-6 |
| Shock resistance                      | 30 gn (duration = 11 ms) conforming to IEC 60068-2-27                   |
| IP degree of protection               | IP54 conforming to IEC 60529                                            |

## Offer Sustainability

|                          |                                                                                       |
|--------------------------|---------------------------------------------------------------------------------------|
| Sustainable offer status | Green Premium product                                                                 |
| RoHS (date code: YYWW)   | Compliant - since 0931 - <a href="#">Schneider Electric declaration of conformity</a> |
| REACH                    | Reference not containing SVHC above the threshold                                     |