

# Product data sheet

## Characteristics

# XUC9AKSAL2

photo-electric sensor - XUC - polarised - Sn 6m - 12..24VDC - cable 2m

Price\* : 108.00 USD

XUC9AKSAL2 has not been replaced. Please contact your customer care center for more information.



⚠ Discontinued

### Main

|                               |   |
|-------------------------------|---|
| Range of product              | OsiSense XU   |
| Series name                   | General purpose single mode                           |
| Electronic sensor type        | Photo-electric sensor                                 |
| Sensor name                   | XUC   |
| Sensor design                 | Compact   |
| Detection system              | Polarised reflex                                      |
| Material                      | Plastic   |
| Type of output signal         | Discrete  |
| Supply circuit type           | DC  |
| Wiring technique              | 3-wire  |
| Discrete output type          | PNP or NPN  |
| Discrete output function      | 1 NO or 1 NC programmable                             |
| Electrical connection         | Cable   |
| Cable length                  | 6.56 ft (2 m)   |
| Product specific application  | -   |
| Emission                      | Red polarised reflex                                  |
| [Sn] nominal sensing distance | 19.69 ft (6 m) polarised reflex need reflector XUZC50 |

### Complementary

|                            |  |
|----------------------------|--|
| Enclosure material         | PC   |
| Lens material              | PMMA   |
| Maximum sensing distance   | 29.53 ft (9 m) with reflector 50 x 50 mm             |
| Output type                | Solid state  |
| Output function governance | Light or dark programmable                           |
| Add on output              | With alarm output                                    |
| Cable composition          | 5 x 0.34 mm <sup>2</sup>                             |
| Wire insulation material   | PvR  |
| Cable outer diameter       | 0.24 in (6 mm)                                       |
| Status LED                 | 1 LED (red) stability<br>1 LED (yellow) output state |
| [Us] rated supply voltage  | 12...24 V DC with reverse polarity protection        |

|                          |   |
|--------------------------|---|
| Supply voltage limits    | 10...38 V DC                                      |
| Switching capacity in mA | <= 100 mA (overload and short-circuit protection) |
| Switching frequency      | <= 500 Hz   |
| Voltage drop             | <= 1.5 V (closed state)                           |
| Current consumption      | 35 mA (no-load)                                   |
| Delay first up           | <= 15 ms  |
| Delay response           | <= 1 ms   |
| Delay recovery           | <= 1 ms   |
| Setting-up               | Sensitivity adjustment with potentiometer         |
| Depth                    | 1.73 in (44 mm)                                   |
| Height                   | 4.41 in (112 mm)                                  |
| Width                    | 1.77 in (45 mm)                                   |
| Product weight           | 0.49 lb(US) (0.22 kg)                             |
| Kit composition          | Sensor<br>Reflector XUZC50                        |

## Environment

|                                       |  |
|---------------------------------------|--|
| Product certifications                | CE<br>CSA<br>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 (f = 10...55 Hz) conforming to IEC 60068-2-6  |
| Shock resistance                      | 20 gn (duration = 11 ms) conforming to IEC 60068-2-27  |
| IP degree of protection               | IP67 conforming to IEC 60529   |
| NEMA degree of protection             | NEMA 12 conforming to IEC 60529<br>NEMA 13 conforming to IEC 60529<br>NEMA 3 conforming to IEC 60529<br>NEMA 4 conforming to IEC 60529<br>NEMA 4X conforming to IEC 60529<br>NEMA 6 conforming to IEC 60529<br>NEMA 6P conforming to IEC 60529 |

## Ordering and shipping details

|                       |                                |
|-----------------------|--------------------------------|
| Category              | 22481 - SENSORS, PHOTOELECTRIC |
| Discount Schedule     | DS2                            |
| GTIN                  | 00785901328421                 |
| Nbr. of units in pkg. | 1                              |
| Package weight(Lbs)   | 0.62                           |
| Returnability         | N                              |
| Country of origin     | FR                             |

## Offer Sustainability

|                        |  |
|------------------------|--|
| RoHS (date code: YYWW) | Will be compliant on 3Q2013<br>Will be compliant on 3Q2013 |
|------------------------|--|

## Contractual warranty

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