

# XUM2APCNL2

photo-electric sensor - XUM - thru beam - Sn  
15m - 12..24VDC - cable 2m

Product availability: Stock - Normally stocked in distribution facility

## Main

|                               |                             |
|-------------------------------|-----------------------------|
| Commercial Status             | Commercialised              |
| Range of product              | OsiSense XU                 |
| Series name                   | General purpose single mode |
| Electronic sensor type        | Photo-electric sensor       |
| Sensor name                   | XUM                         |
| Sensor design                 | Miniature                   |
| Detection system              | Thru beam                   |
| 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         | Cable                       |
| Cable length                  | 6.56 ft (2 m)               |
| Product specific application  | -                           |
| Emission                      | Red thru beam               |
| [Sn] nominal sensing distance | 49.21 ft (15 m) thru beam   |

## Complementary

|                           |                                                                                                                                              |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Enclosure material        | PBT                                                                                                                                          |
| Lens material             | PMMA                                                                                                                                         |
| Output type               | Solid state                                                                                                                                  |
| Wire insulation material  | PVC                                                                                                                                          |
| Status LED                | 1 LED (red) for receiver/indicator light<br>1 LED (orange) for transmitter/supply on<br>1 LED (green) for instability and receiver/supply on |
| [Us] rated supply voltage | 12...24 V DC                                                                                                                                 |
| Switching capacity in mA  | <= 100 mA (overload and short-circuit protection)                                                                                            |
| Switching frequency       | <= 1000 Hz                                                                                                                                   |
| Voltage drop              | <= 3 V (closed state)                                                                                                                        |
| Current consumption       | 11...13 mA (no-load)                                                                                                                         |
| Delay first up            | < 100 ms                                                                                                                                     |
| Delay response            | 0.5 ms                                                                                                                                       |
| Delay recovery            | 0.5 ms                                                                                                                                       |
| Setting-up                | Sensitivity adjustment                                                                                                                       |
| Depth                     | 0.79 in (20 mm)                                                                                                                              |
| Height                    | 1.34 in (34 mm)                                                                                                                              |
| Width                     | 0.43 in (11 mm)                                                                                                                              |
| Product weight            | 0.26 lb(US) (0.119 kg)                                                                                                                       |
| Kit composition           | Transmitter + receiver XUM2AKCNL2T + XUM2APCNL2R                                                                                             |

## Environment

|                                       |                                                                           |
|---------------------------------------|---------------------------------------------------------------------------|
| Product certifications                | CE<br>CTick<br>CULus                                                      |
| Ambient air temperature for operation | -22...140 °F (-30...60 °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<br>IP65 conforming to IEC 60529              |

## Ordering and shipping details

|                       |                                                   |
|-----------------------|---------------------------------------------------|
| Category              | 21571 - SENSORS, ELECTRONIC BASIC XU & XS         |
| Discount Schedule     | DS2                                               |
| GTIN                  | 00785901681007                                    |
| Nbr. of units in pkg. | 1                                                 |
| Package weight(Lbs)   | 0.25                                              |
| Product availability  | Stock - Normally stocked in distribution facility |
| Returnability         | Y                                                 |
| Country of origin     | CN                                                |

## Offer Sustainability

|                          |                                                                                       |
|--------------------------|---------------------------------------------------------------------------------------|
| Sustainable offer status | Not Green Premium product                                                             |
| RoHS                     | Compliant - since 1152 - <a href="#">Schneider Electric declaration of conformity</a> |

## Contractual warranty

|        |           |
|--------|-----------|
| Period | 18 months |
|--------|-----------|