

# XU2N18KP9AAL5T

Photoelectric sensors XU, XU2, transmetteur, cylindrical M18, 15 m



## Main

|                               |  |
|-------------------------------|--|
| Range of product              | Telemecanique Photoelectric sensors XU |
| Series name                   | Application food and beverage          |
| Electronic sensor type        | Photo-electric sensor                  |
| Sensor name                   | XU2                                    |
| Sensor design                 | Cylindrical M18                        |
| Detection system              | Thru beam                              |
| Material                      | Stainless steel                        |
| Type of output signal         | Discrete                               |
| Supply circuit type           | DC                                     |
| Wiring technique              | 3-wire                                 |
| Discrete output function      | 1 NO or 1 NC programmable              |
| Electrical connection         | Cable                                  |
| Cable length                  | 25 m                                   |
| Emission                      | Infrared thru beam                     |
| [Sn] nominal sensing distance | 15 m thru beam                         |

## Complementary

|                           |   |
|---------------------------|---|
| Enclosure material        | Stainless steel : 304 CU                          |
| Lens material             | PMMA  |
| Maximum sensing distance  | 20 m  |
| Output type               | Solid state                                       |
| [Us] rated supply voltage | 24...240 V AC/DC                                  |
| Supply voltage limits     | 10...30 V DC                                      |
| Switching capacity in mA  | <= 100 mA (overload and short-circuit protection) |
| Switching frequency       | <= 500 Hz   |
| Maximum voltage drop      | <1.5 V (closed state)                             |
| Current consumption       | <= 50 mA no-load                                  |
| Maximum delay first up    | 15 ms   |
| Maximum delay response    | 1 ms  |
| Maximum delay recovery    | 1 ms  |
| Setting-up                | Sensitivity adjustment                            |
| Diameter                  | 18 mm   |
| Length                    | 88 mm   |

## Environment

|                                       |   |
|---------------------------------------|---|
| Product certifications                | CSA[RETURN]UL[RETURN]CE   |
| Ambient air temperature for operation | -25...55 °C   |
| Ambient air temperature for storage   | -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  |

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 TWSS Holding nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## Packing Units

|                              |         |
|------------------------------|---------|
| Unit Type of Package 1       | PCE     |
| Number of Units in Package 1 | 1       |
| Package 1 Height             | 14.8 cm |
| Package 1 Width              | 8.1 cm  |
| Package 1 Length             | 8.1 cm  |
| Package 1 Weight             | 240.0 g |

## Offer Sustainability

|  |   |
|--|---|
| Sustainable offer status                   | Green Premium product   |
| Environmental Disclosure                   | <a href="#">Product Environmental Profile</a>   |
| Circularity Profile                        | <a href="#">End of Life Information</a>   |
| California proposition 65                  | WARNING: This product can expose you to chemicals including: 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. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
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