

# XUY644CB6P2J14

Photoelectric XU Roller Sensor 644mm 6 lens  
Space 93,1mm, IP65, Cable 2 m, RJ11



## Main

|                               |                                                 |
|-------------------------------|-------------------------------------------------|
| Range of Product              | Telemecanique Photoelectric sensors XU          |
| Series name                   | Application, conveyor system and access control |
| Electronic sensor type        | Photo-electric sensor                           |
| Sensor name                   | XUY                                             |
| Sensor design                 | Roller sensor                                   |
| Detection system              | Diffuse                                         |
| Material                      | Metal                                           |
| Type of output signal         | Discrete                                        |
| Supply circuit type           | DC                                              |
| Wiring Technique              | 4-wire                                          |
| Discrete output type          | PNP                                             |
| Discrete output function      | 1 NO                                            |
| Electrical connection         | Cable                                           |
| Cable length                  | 6.6 ft (2 m)                                    |
| Product Specific Application  | Conveyor system                                 |
| Emission                      | Infrared                                        |
| [Sn] nominal sensing distance | 2.6 in (65 mm) diffuse                          |

## Complementary

|                           |                                               |
|---------------------------|-----------------------------------------------|
| Enclosure Material        | Aluminum                                      |
| Lens material             | Polycarbonate                                 |
| Cover Material            | PVC                                           |
| Pulse frequency           | 1 kHz                                         |
| Output Type               | Solid state                                   |
| Status LED                | 1 LED Yellow output signal                    |
| [Us] rated supply voltage | 12...24 V DC reverse polarity protection      |
| Supply voltage limits     | 18...30 V DC                                  |
| Switching capacity in mA  | 100 mA overload and short-circuit protection) |
| Switching frequency       | 500 Hz                                        |
| Maximum voltage drop      | <2 V 100 mA                                   |
| Current consumption       | < 35 mA no-load                               |
| Maximum delay response    | 1 ms                                          |
| Diameter                  | 0.5 in (12 mm)                                |
| Length                    | 25.4 in (644 mm)                              |

## Environment

|                                       |                              |
|---------------------------------------|------------------------------|
| Product Certifications                | CE[RETURN]UKCA[RETURN]cCSAus |
| Ambient Air Temperature for Operation | 14...131 °F (-10...55 °C)    |
| Ambient Air Temperature for Storage   | -4...158 °F (-20...70 °C)    |
| IP degree of protection               | IP65 IEC 60529               |

## Ordering and shipping details

|                   |               |
|-------------------|---------------|
| Category          | US10DS222482  |
| Discount Schedule | 0DS2          |
| GTIN              | 3389119645317 |
| Returnability     | No            |
| Country of origin | FR            |

## Packing Units

|                              |     |
|------------------------------|-----|
| Unit Type of Package 1       | PCE |
| Number of Units in Package 1 | 1   |