

# XUY787MB7P03M12

Photoelectric XU Roller Sensor 787mm 7 lens  
Space 93,1mm, IP65, Cable 0,3 m, M12



## 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 or NPN                                      |
| Discrete output function      | 1 NO or 1 NC                                    |
| Electrical connection         | 1 remote connector M12, 4 pins                  |
| Cable length                  | 1.0 ft (0.3 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                    | 30.98 in (787 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              | 3389119647281 |
| Returnability     | No            |
| Country of origin | FR            |

## Packing Units

|                              |                    |
|------------------------------|--------------------|
| Unit Type of Package 1       | PCE                |
| Number of Units in Package 1 | 1                  |
| Package 1 Height             | 3.5 in (9.0 cm)    |
| Package 1 Width              | 3.5 in (9.0 cm)    |
| Package 1 Length             | 39.4 in (100.0 cm) |
| Package 1 Weight             | 31.7 oz (900.0 g)  |