

# XUY390NA5H02M12

Photoelectric XU Roller Sensor 390mm 5 lens  
Space 54mm, IP50, Cable 0,2 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                  | 0.2 m   |
| Product specific application  | Conveyor system                                 |
| Emission                      | Infrared  |
| [Sn] nominal sensing distance | 65 mm diffuse                                   |

## Complementary

|                           |  |
|---------------------------|--|
| Enclosure material        | Aluminium                                      |
| Lens material             | Polycarbonate                                  |
| Cover material            | PVC  |
| Pulse frequency           | 1 kHz  |
| Output type               | Solid state                                    |
| Status LED                | 1 LED color: yellow for output signal          |
| [Us] rated supply voltage | 12...24 V DC with 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 at 100 mA<br><1 V at 10 mA (closed state) |
| Current consumption       | < 35 mA no-load                                |
| Maximum delay response    | 1 ms   |
| Diameter                  | 12 mm  |
| Length                    | 390 mm   |

## Environment

|                                       |                              |
|---------------------------------------|------------------------------|
| Product certifications                | CE[RETURN]cCSAus[RETURN]UKCA |
| Ambient air temperature for operation | -10...55 °C                  |
| Ambient air temperature for storage   | -20...70 °C                  |
| IP degree of protection               | IP50 conforming to IEC 60529 |

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## Packing Units

|                              |       |
|------------------------------|-------|
| Unit Type of Package 1       | PCE   |
| Number of Units in Package 1 | 1     |
| Package 1 Height             | 9 cm  |
| Package 1 Width              | 9 cm  |
| Package 1 Length             | 63 cm |
| Package 1 Weight             | 300 g |