

# XS512BLPAM12

Inductive proximity sensors XS, inductive sensor XS5 M12, L62mm, brass, Sn2mm, 12...48 VDC, M12



## Main

|                                    |   |
|------------------------------------|---|
| Range of Product                   | Telemecanique Inductive proximity sensors XS                  |
| Series name                        | General purpose   |
| Sensor Type                        | Inductive proximity sensor                                    |
| Device Application                 | -   |
| Sensor name                        | XS5   |
| Sensor design                      | Cylindrical M12   |
| Size                               | 62 mm   |
| Body type                          | Fixed   |
| Detector flush mounting acceptance | Flush mountable   |
| Material                           | Metal   |
| Type of output signal              | Discrete  |
| Wiring Technique                   | 3-wire  |
| [Sn] nominal sensing distance      | 0.08 in (2 mm)  |
| Discrete output function           | 1 NO  |
| Output circuit type                | DC  |
| Discrete output type               | PNP   |
| Electrical connection              | 4 pins M12 male connector                                     |
| [Us] rated supply voltage          | 12...48 V DC reverse polarity protection                      |
| Switching capacity in mA           | <= 200 mA DC overload and short-circuit protection            |
| IP degree of protection            | IP67 conforming to IEC 60529<br>IP69K conforming to DIN 40050 |

## Complementary

|                        |                             |
|------------------------|-----------------------------|
| Thread type            | M12 x 1                     |
| Detection face         | Frontal                     |
| Front material         | PPS                         |
| Enclosure Material     | Nickel Plated Brass         |
| Operating zone         | 0.00...0.06 in (0...1.6 mm) |
| Differential travel    | 1...15% of Sr               |
| Status LED             | Output state 1 LED yellow)  |
| Supply voltage limits  | 10...58 V DC                |
| Switching frequency    | <= 5000 Hz                  |
| Maximum voltage drop   | <2 V (closed)               |
| Current consumption    | <= 10 mA no-load            |
| Maximum delay first up | 10 ms                       |
| Maximum delay response | 0.1 ms                      |
| Maximum delay recovery | 0.1 ms                      |
| Marking                | CE                          |
| Threaded length        | 1.65 in (42 mm)             |
| Height                 | 0.47 in (12 mm)             |
| Length                 | 2.44 in (62 mm)             |
| Net Weight             | 0.04 lb(US) (0.02 kg)       |

## Environment

|                                       |   |
|---------------------------------------|---|
| Product Certifications                | CSA<br>UL                               |
| Ambient air temperature for operation | -13...158 °F (-25...70 °C)              |
| Ambient Air Temperature for Storage   | -40...185 °F (-40...85 °C)              |
| Vibration resistance                  | 25 gn +/- 2 mm 10...55 Hz)IEC 60068-2-6 |
| Shock resistance                      | 50 gn 11 ms IEC 60068-2-27              |

## Ordering and shipping details

|                       |                            |
|-----------------------|----------------------------|
| Category              | 22486 - SENSORS, PROXIMITY |
| Discount Schedule     | DS2                        |
| GTIN                  | 3389119046565              |
| Nbr. of units in pkg. | 1                          |
| Package weight(Lbs)   | 1.02 oz (29 g)             |
| Returnability         | Yes                        |
| Country of origin     | FR                         |

## Packing Units

|                              |                        |
|------------------------------|------------------------|
| Unit Type of Package 1       | PCE                    |
| Package 1 Height             | 2.52 in (6.4 cm)       |
| Package 1 width              | 1.61 in (4.1 cm)       |
| Package 1 Length             | 3.70 in (9.4 cm)       |
| Unit Type of Package 2       | S02                    |
| Number of Units in Package 2 | 44                     |
| Package 2 Weight             | 3.83 lb(US) (1.739 kg) |
| Package 2 Height             | 5.91 in (15 cm)        |
| Package 2 width              | 11.81 in (30 cm)       |
| Package 2 Length             | 15.75 in (40 cm)       |
| Package 3 Height             | 5.91 in (15 cm)        |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| 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> |
| REACH Regulation           | <a href="#">REACH Declaration</a>   |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>  |
| Mercury free               | Yes   |
| RoHS exemption information | <a href="#">Yes</a>   |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>   |
| Circularity Profile        | <a href="#">End Of Life Information</a>   |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|