

# XS530BLPAL5

Inductive proximity sensors XS, inductive sensor XS5 M30, L62mm, brass, Sn10mm, 12...48 VDC, cable 5 m



## 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 M30   |
| 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      | 0.39 in (10 mm)   |
| Discrete output function           | 1 NO  |
| Output circuit type                | DC  |
| Discrete output type               | PNP   |
| Electrical connection              | Cable   |
| Cable length                       | 16.40 ft (5 m)  |
| [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            | IP68 double insulation conforming to IEC 60529<br>IP69K conforming to DIN 40050 |

## Complementary

|                          |                            |
|--------------------------|----------------------------|
| Thread type              | M30 x 1.5                  |
| Detection face           | Frontal                    |
| Front material           | PPS                        |
| Enclosure Material       | Nickel Plated Brass        |
| Operating zone           | 0.00...0.31 in (0...8 mm)  |
| Differential travel      | 1...15% of Sr              |
| Cable composition        | 3 x 0.34 mm <sup>2</sup>   |
| Wire insulation material | PvR                        |
| Status LED               | Output state 1 LED yellow) |
| Supply voltage limits    | 10...58 V DC               |
| Switching frequency      | <= 1000 Hz                 |
| Maximum voltage drop     | <2 V closed)               |
| Current consumption      | <= 10 mA no-load           |
| Maximum delay first up   | 10 ms                      |
| Maximum delay response   | 0.3 ms                     |
| Maximum delay recovery   | 0.7 ms                     |
| Marking                  | CE                         |
| Threaded length          | 2.05 in (52 mm)            |

|            |                       |
|------------|-----------------------|
| Length     | 2.44 in (62 mm)       |
| Net Weight | 0.73 lb(US) (0.33 kg) |

## Environment

|                                       |   |
|---------------------------------------|---|
| Product Certifications                | UL<br>CSA                               |
| 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              | 3389119046770            |
| Returnability     | No                       |
| Country of origin | FR                       |

## Packing Units

|                              |                  |
|------------------------------|------------------|
| Unit Type of Package 1       | PCE              |
| Number of Units in Package 1 | 1                |
| Package 1 Height             | 5.12 in (13 cm)  |
| Package 1 Width              | 2.60 in (6.6 cm) |
| Package 1 Length             | 3.70 in (9.4 cm) |
| Package 1 Weight             | 10.41 oz (295 g) |
| Unit Type of Package 2       | BAG              |
| Number of Units in Package 2 | 1                |
| Package 2 Height             | 1.77 in (4.5 cm) |
| Package 2 Width              | 9.84 in (25 cm)  |
| Package 2 Length             | 7.87 in (20 cm)  |
| Package 2 Weight             | 10.41 oz (295 g) |

## 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 |
|----------|-----------|