

# XS4P18PA370L2

Inductive proximity sensors XS, inductive sensor XS4 M18, L60mm, PPS, Sn8mm, 12...48 VDC, cable 10 m



## Main

|                                    |                                                    |
|------------------------------------|----------------------------------------------------|
| Range of Product                   | Telemecanique Inductive proximity sensors XS       |
| Series name                        | General purpose                                    |
| Sensor Type                        | Inductive proximity sensor                         |
| Sensor name                        | XS4                                                |
| Sensor design                      | Cylindrical M18                                    |
| Size                               | 62 mm                                              |
| Body type                          | Fixed                                              |
| Detector flush mounting acceptance | Non flush mountable                                |
| Material                           | Plastic                                            |
| Type of output signal              | Discrete                                           |
| Wiring Technique                   | 3-wire                                             |
| [Sn] nominal sensing distance      | 0.31 in (8 mm)                                     |
| Discrete output function           | 1 NO                                               |
| Output circuit type                | DC                                                 |
| Discrete output type               | PNP                                                |
| Electrical connection              | Cable                                              |
| Cable length                       | 32.81 ft (10 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     |

## Complementary

|                          |                             |
|--------------------------|-----------------------------|
| Thread type              | M18 x 1                     |
| Detection face           | Frontal                     |
| Front material           | PPS                         |
| Enclosure Material       | PPS                         |
| Operating zone           | 0.00...0.25 in (0...6.4 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      | <= 2000 Hz                  |
| Maximum voltage drop     | <2 V closed)                |
| Current consumption      | 0...10 mA no-load           |
| Maximum delay first up   | 10 ms                       |
| Maximum delay response   | 0.15 ms                     |
| Maximum delay recovery   | 0.35 ms                     |
| Marking                  | CE                          |
| Threaded length          | 2.05 in (52 mm)             |
| Height                   | 0.71 in (18 mm)             |

|            |                       |
|------------|-----------------------|
| Length     | 2.44 in (62 mm)       |
| Net Weight | 0.93 lb(US) (0.42 kg) |

## Environment

|                                       |                                         |
|---------------------------------------|-----------------------------------------|
| Product Certifications                | CSA<br>CCC<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              | 3389110470376            |
| Returnability     | No                       |
| Country of origin | FR                       |

## Packing Units

|                              |                   |
|------------------------------|-------------------|
| Unit Type of Package 1       | PCE               |
| Number of Units in Package 1 | 1                 |
| Package 1 Height             | 3.15 in (8 cm)    |
| Package 1 Width              | 3.15 in (8 cm)    |
| Package 1 Length             | 5.83 in (14.8 cm) |
| Package 1 Weight             | 14.04 oz (398 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 |
|----------|-----------|

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