

# XS4P18MA230L2

Inductive proximity sensors XS, inductive sensor XS4 M18, L60mm, PPS, Sn8mm, 24...240VAC/DC, 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                   | 2-wire                                         |
| [Sn] nominal sensing distance      | 0.31 in (8 mm)                                 |
| Discrete output function           | 1 NO                                           |
| Output circuit type                | AC/DC                                          |
| Electrical connection              | Cable                                          |
| Cable length                       | 32.81 ft (10 m)                                |
| [Us] rated supply voltage          | 24...240 V AC/DC 50/60 Hz                      |
| Switching capacity in mA           | 5...200 mA DC<br>5...300 mA AC                 |
| 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        | 2 x 0.34 mm <sup>2</sup>     |
| Wire insulation material | PvR                          |
| Status LED               | Output state 1 LED yellow)   |
| Supply voltage limits    | 20...264 V AC/DC             |
| Maximum residual current | 0.6 mA open state            |
| Switching frequency      | <= 2000 Hz DC<br><= 25 Hz AC |
| Maximum voltage drop     | <5.5 V closed)               |
| Maximum delay first up   | 40 ms                        |
| Maximum delay response   | 0.2 ms                       |
| Maximum delay recovery   | 0.2 ms                       |
| Marking                  | CE                           |
| Threaded length          | 2.05 in (52 mm)              |
| Height                   | 0.71 in (18 mm)              |
| Length                   | 2.44 in (62 mm)              |
| Product Weight           | 0.93 lb(US) (0.42 kg)        |

## Environment

|                                       |                                         |
|---------------------------------------|-----------------------------------------|
| Product Certifications                | UL<br>CSA<br>CCC                        |
| 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              | 3389110919370            |
| Returnability     | Yes                      |
| Country of origin | FR                       |

## Packing Units

|                              |                       |
|------------------------------|-----------------------|
| Unit Type of Package 1       | PCE                   |
| Number of Units in Package 1 | 1                     |
| Package 1 Height             | 2.36 in (6 cm)        |
| Package 1 Width              | 3.74 in (9.5 cm)      |
| Package 1 Length             | 7.76 in (19.7 cm)     |
| Package 1 Weight             | 9.31 oz (264 g)       |
| Unit Type of Package 2       | S01                   |
| Number of Units in Package 2 | 5                     |
| Package 2 Height             | 5.91 in (15 cm)       |
| Package 2 Width              | 5.91 in (15 cm)       |
| Package 2 Length             | 15.75 in (40 cm)      |
| Package 2 Weight             | 3.28 lb(US) (1.49 kg) |

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