

# Product data sheet

## Characteristics

# XS4P18AB120L2

Inductive proximity sensors XS, inductive sensor XS4 M18, L40.6 mm, PBT, Sn8mm, 12...24 VDC, cable 10 m



Product availability: Non-Stock - Not normally stocked in distribution facility

Price\*: 212.19 USD



### Main

|                                    |                                              |
|------------------------------------|----------------------------------------------|
| Range of Product                   | Telemecanique Inductive proximity sensors XS |
| Series name                        | Application                                  |
| Sensor Type                        | Inductive proximity sensor                   |
| Electrical circuit type            | Analog output                                |
| Sensor name                        | XS4                                          |
| Sensor design                      | Cylindrical M18                              |
| Size                               | 41 mm                                        |
| Body type                          | Fixed                                        |
| Detector flush mounting acceptance | Non flush mountable                          |
| Material                           | Plastic                                      |
| Type of output signal              | Analogue                                     |
| Wiring Technique                   | 2-wire                                       |
| [Sn] nominal sensing distance      | 0.31 In (8 mm)                               |
| Output circuit type                | DC                                           |
| Analogue output range              | 4...20 mA                                    |
| Electrical connection              | Cable                                        |
| Cable length                       | 32.81 Ft (10 m)                              |
| [Us] rated supply voltage          | 12...24 V DC                                 |
| IP degree of protection            | IP67 conforming to IEC 60529                 |

### Complementary

|                    |                             |
|--------------------|-----------------------------|
| Thread type        | M18 x 1                     |
| Detection face     | Frontal                     |
| Front material     | PPS                         |
| Enclosure Material | PBT                         |
| Operating zone     | 0.03...0.31 In (0.8...8 mm) |
| Repeat accuracy    | <= 3% of Sr                 |
| Linearity error    | +/- 2 mA                    |

|                              |                          |
|------------------------------|--------------------------|
| Cable composition            | 3 x 0.34 mm <sup>2</sup> |
| Wire insulation material     | PvR                      |
| Supply voltage limits        | 10...38 V DC             |
| Switching frequency          | <= 500 Hz                |
| Current consumption          | 4 mA no-load             |
| Maximum output current drift | 10 %                     |
| Marking                      | CE                       |
| Threaded length              | 1.02 ln (26 mm)          |
| Maximum Height               | 0.71 ln (18 mm)          |
| Length                       | 1.61 ln (41 mm)          |

## Environment

|                                       |                            |
|---------------------------------------|----------------------------|
| Product Certifications                | CSA<br>UL                  |
| Ambient Air Temperature for Operation | -13...158 °F (-25...70 °C) |

## Ordering and shipping details

|                       |                            |
|-----------------------|----------------------------|
| Category              | 22486 - SENSORS, PROXIMITY |
| Discount Schedule     | DS2                        |
| GTIN                  | 03389110132687             |
| Nbr. of units in pkg. | 1                          |
| Package weight(Lbs)   | 17.81 Oz (505 g)           |
| Returnability         | No                         |
| Country of origin     | FR                         |

## Packing Units

|                        |                   |
|------------------------|-------------------|
| Unit Type of Package 1 | PCE               |
| Package 1 Height       | 5.24 ln (13.3 cm) |
| Package 1 width        | 3.15 ln (8 cm)    |
| Package 1 Length       | 3.23 ln (8.2 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 |
|----------|-----------|

Product Life Status : **Commercialised**