

# XS7D1A1PAM12

Inductive proximity sensors XS, inductive sensor XS7 80x80x26, PBT, Sn40mm, 12...24 VDC, M12

## Main

|                                    |                                                    |
|------------------------------------|----------------------------------------------------|
| Range of Product                   | Telemecanique Inductive proximity sensors XS       |
| Series name                        | General purpose                                    |
| Sensor Type                        | Inductive proximity sensor                         |
| Device Application                 | -                                                  |
| Sensor name                        | XS7                                                |
| Sensor design                      | Flat form 80 x 80 x 26                             |
| Size                               | 26 mm                                              |
| Body type                          | Fixed                                              |
| Detector flush mounting acceptance | Flush mountable                                    |
| Material                           | Plastic                                            |
| Enclosure Material                 | PBT                                                |
| Type of output signal              | Discrete                                           |
| Wiring Technique                   | 3-wire                                             |
| Discrete output function           | 1 NO                                               |
| Output circuit type                | DC                                                 |
| Discrete output type               | PNP                                                |
| Electrical connection              | Male connector M12, 4 pins                         |
| [Us] rated supply voltage          | 12...24 V DC reverse polarity protection           |
| Switching capacity in mA           | <= 100 mA DC overload and short-circuit protection |
| IP degree of protection            | IP67 double insulation conforming to IEC 60529     |

## Complementary

|                        |                                   |
|------------------------|-----------------------------------|
| Detection face         | Frontal                           |
| Front material         | PBT                               |
| Operating zone         | 0.0000000000...1.3 in (0...32 mm) |
| Differential travel    | 1...15% of Sr                     |
| Status LED             | Output state 1 LED yellow)        |
| Supply voltage limits  | 10...36 V DC                      |
| Switching frequency    | <= 100 Hz                         |
| Maximum voltage drop   | <2 V closed)                      |
| Current consumption    | <= 10 mA no-load                  |
| Maximum delay first up | 30 ms                             |
| Maximum delay response | 5 ms                              |
| Maximum delay recovery | 35 ms                             |
| Marking                | CE                                |
| Depth                  | 1.02 in (26 mm)                   |
| Height                 | 3.1 in (80 mm)                    |
| Width                  | 3.1 in (80 mm)                    |

## Environment

|                                       |                                           |
|---------------------------------------|-------------------------------------------|
| Product Certifications                | CSA[RETURN]C-tick[RETURN]UL[RETURN]Ecolab |
| 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          | US10DS222486  |
| Discount Schedule | 0DS2          |
| GTIN              | 3389110140316 |
| Returnability     | No            |
| Country of origin | SG            |

## Packing Units

|                              |                          |
|------------------------------|--------------------------|
| Unit Type of Package 1       | PCE                      |
| Number of Units in Package 1 | 1                        |
| Package 1 Height             | 1.65 in (4.2 cm)         |
| Package 1 Width              | 3.62 in (9.2 cm)         |
| Package 1 Length             | 5.24 in (13.3 cm)        |
| Package 1 Weight             | 11.3 oz (320.0 g)        |
| Unit Type of Package 2       | S02                      |
| Number of Units in Package 2 | 22                       |
| 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 2 Weight             | 16.618 lb(US) (7.538 kg) |
| Unit Type of Package 3       | P06                      |
| Number of Units in Package 3 | 352                      |
| Package 3 Height             | 29.53 in (75 cm)         |
| Package 3 Width              | 23.62 in (60 cm)         |
| Package 3 Length             | 31.50 in (80 cm)         |
| Package 3 Weight             | 291.01 lb(US) (132 kg)   |

## Offer Sustainability

|                            |                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SCIP Number                | C2ab1e4c-446b-4ad3-8b8d-97abaa741f2b                                                                                                                                                                                                                                                                                                                                              |
| 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> |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope)                                                                                                                                                                                                                                                                                                                        |
| Mercury free               | Yes                                                                                                                                                                                                                                                                                                                                                                               |
| RoHS exemption information |  Yes                                                                                                                                                                                                                                                                                           |
| Circularity Profile        | No need of specific recycling operations                                                                                                                                                                                                                                                                                                                                          |

## Contractual warranty

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