

# XS8G12PA140

Inductive proximity sensors XS, inductive sensor XS8 12x40x26, plastic, Sn4mm, 12...24 VDC, cable 2 m



## Main

|                               |                                                 |
|-------------------------------|-------------------------------------------------|
| Range of Product              | Telemecanique Inductive proximity sensors XS    |
| Series name                   | General purpose                                 |
| Sensor Type                   | Inductive proximity sensor                      |
| Product Specific Application  | -                                               |
| Sensor name                   | XS8                                             |
| Sensor design                 | Form 12 x 40 x 26                               |
| Size                          | 26 mm                                           |
| Body type                     | Fixed                                           |
| Enclosure Material            | Plastic                                         |
| Type of output signal         | Discrete                                        |
| Wiring Technique              | 3-wire                                          |
| [Sn] nominal sensing distance | 0.16 in (4 mm)                                  |
| Discrete output function      | 1 NO                                            |
| Discrete output type          | PNP                                             |
| Electrical connection         | Cable                                           |
| Cable length                  | 6.56 ft (2 m)                                   |
| Wire insulation material      | PVC                                             |
| [Us] rated supply voltage     | 12...24 V DC                                    |
| Switching capacity in mA      | <= 100 mA overload and short-circuit protection |
| IP degree of protection       | IP67 conforming to IEC 60529                    |

## Complementary

|                                    |                             |
|------------------------------------|-----------------------------|
| Detection face                     | Lateral                     |
| Detector flush mounting acceptance | Non flush mountable         |
| Material                           | Plastic                     |
| Front material                     | Plastic                     |
| Operating zone                     | 0.00...0.13 in (0...3.2 mm) |
| Differential travel                | 3...20% of Sr               |
| Repeat accuracy                    | <= 10% of Sr                |
| Output circuit type                | DC                          |
| Cable composition                  | 3 x 0.34 mm <sup>2</sup>    |
| Status LED                         | Output state 1 LED yellow)  |
| Supply voltage limits              | 10...30 V DC                |
| Switching frequency                | <= 1000 Hz                  |
| Maximum voltage drop               | <1.8 V closed)              |
| Current consumption                | 0...10 mA no-load           |
| Maximum delay first up             | 4 ms                        |
| Maximum delay response             | 0.5 ms                      |
| Maximum delay recovery             | 1 ms                        |
| Marking                            | CE                          |
| Depth                              | 1.02 in (26 mm)             |

|        |                 |
|--------|-----------------|
| Height | 1.57 in (40 mm) |
| Width  | 0.47 in (12 mm) |

## Environment

|                                       |                                         |
|---------------------------------------|-----------------------------------------|
| Product Certifications                | CSA<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              | 3389110776614            |
| Returnability     | No                       |
| Country of origin | ID                       |

## Packing Units

|                              |                           |
|------------------------------|---------------------------|
| Unit Type of Package 1       | PCE                       |
| Number of Units in Package 1 | 1                         |
| Package 1 Height             | 1.77 in (4.5 cm)          |
| Package 1 Width              | 1.77 in (4.5 cm)          |
| Package 1 Length             | 5.51 in (14.0 cm)         |
| Package 1 Weight             | 3.28 oz (93.0 g)          |
| Unit Type of Package 2       | S02                       |
| Number of Units in Package 2 | 28                        |
| 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             | 6.75 lb(US) (3.062 kg)    |
| Unit Type of Package 3       | P06                       |
| Number of Units in Package 3 | 448                       |
| Package 3 Height             | 29.53 in (75 cm)          |
| Package 3 Width              | 15.75 in (40 cm)          |
| Package 3 Length             | 31.50 in (80 cm)          |
| Package 3 Weight             | 146.97 lb(US) (66.664 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>                                                                                                                                                                                                                                                                                                                                     |

## Contractual warranty

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