

# XS7C4A1MPG13

Inductive proximity sensors XS, inductive sensor XS7 40x40x117, PBT, Sn15 mm, 24...240VAC/DC, terminals



## 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                      | Form 40 x 40 x 117  |
| Size                               | 117 mm  |
| Body type                          | Fixed   |
| Detector flush mounting acceptance | Flush mountable   |
| Material                           | Plastic   |
| Enclosure material                 | PBT   |
| Type of output signal              | Discrete  |
| Wiring technique                   | 2-wire  |
| [Sn] nominal sensing distance      | 15 Mm   |
| Discrete output function           | 1 NO or 1 NC programmable   |
| Output circuit type                | AC/DC   |
| Electrical connection              | Screw-clamp terminals, 4 x 1.5 mm <sup>2</sup>  |
| [Us] rated supply voltage          | 24...240 V AC 50/60 Hz<br>24...240 V DC   |
| Switching capacity in mA           | 5...200 mA DC<br>5...300 mA AC  |
| IP degree of protection            | IP67 conforming to IEC 60529<br>IP65 conforming to IEC 60529<br>IP69K conforming to DIN 40050 |

## Complementary

|                          |  |
|--------------------------|--|
| Detection face           | 5 positions turret head                                  |
| Front material           | PBT  |
| Operating zone           | 0...12 Mm  |
| Differential travel      | 3...15% of Sr  |
| Repeat accuracy          | <= 3% of Sr  |
| Cable entry number       | 1 tapped entry for Pg 13.5 cable gland                   |
| Status LED               | Supply on: 1 LED (green)<br>Output state: 1 LED (yellow) |
| Supply voltage limits    | 20...264 V AC/DC   |
| Maximum residual current | 1.5 MA open state 120 V<br>0.6 MA open state 24 V        |

|                        |                            |
|------------------------|----------------------------|
| Switching frequency    | <= 25 Hz AC<br><= 50 Hz DC |
| Maximum voltage drop   | <5.5 V (closed)            |
| Maximum delay first up | 7.5 Ms                     |
| Maximum delay response | 1.2 Ms                     |
| Maximum delay recovery | 1.8 Ms                     |
| Marking                | CE                         |
| Height                 | 40 Mm                      |
| Length                 | 40 Mm                      |
| Width                  | 117 Mm                     |
| Net weight             | 0.244 Kg                   |

## Environment

|                                       |   |
|---------------------------------------|---|
| Product certifications                | UL<br>CSA<br>CCC  |
| Ambient air temperature for operation | -25...70 °C   |
| Ambient air temperature for storage   | -40...85 °C   |
| Vibration resistance                  | 25 gn amplitude = +/- 2 mm (f = 10...55 Hz) conforming to IEC 60068-2-6 |
| Shock resistance                      | 50 gn for 11 ms conforming to EN 60068-2-27                             |

## Packing Units

|                              |            |
|------------------------------|------------|
| Unit Type of Package 1       | PCE        |
| Number of Units in Package 1 | 1          |
| Package 1 Weight             | 244 G      |
| Package 1 Height             | 4.5 Cm     |
| Package 1 width              | 4.5 Cm     |
| Package 1 Length             | 14.5 Cm    |
| Unit Type of Package 2       | S02        |
| Number of Units in Package 2 | 28         |
| Package 2 Weight             | 7.272 Kg   |
| Package 2 Height             | 15 Cm      |
| Package 2 width              | 30 Cm      |
| Package 2 Length             | 40 Cm      |
| Unit Type of Package 3       | P06        |
| Number of Units in Package 3 | 448        |
| Package 3 Weight             | 125.092 Kg |
| Package 3 Height             | 77 Cm      |
| Package 3 width              | 80 Cm      |
| Package 3 Length             | 60 Cm      |

## Offer Sustainability

|                            |  |
|----------------------------|--|
| 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>  |
| 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 Diisodecyl 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> |

### Contractual warranty

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

Product Life Status : Commercialised