



### Main

|                                    |   |
|------------------------------------|---|
| Range of product                   | OsiSense XS   |
| Series name                        | General purpose   |
| Sensor type                        | Inductive proximity sensor  |
| Product specific 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                 | Plastic   |
| Type of output signal              | Discrete  |
| Wiring technique                   | 2-wire  |
| [Sd] sensing range                 | > 8...15 mm   |
| [Sn] nominal sensing distance      | 15 mm   |
| Discrete output function           | 1 NO  |
| Output circuit type                | DC  |
| Electrical connection              | Screw-clamp terminals, clamping capacity: 2 x 1.5 mm <sup>2</sup> |
| [Us] rated supply voltage          | 12...48 V DC with reverse polarity protection                     |
| Switching capacity in mA           | 1.5...100 mA with overload and short-circuit protection           |
| IP degree of protection            | IP67 conforming to IEC 60529                                      |

### Complementary

|                       |  |
|-----------------------|--|
| Detection face        | 5 positions turret head                |
| Operating zone        | 0...12 mm                              |
| Differential travel   | 3...20% of Sr                          |
| Repeat accuracy       | <= 3% of Sr                            |
| Cable entry           | 1 entry tapped for Pg 13.5 cable gland |
| Status LED            | 1 LED yellow for output state          |
| Supply voltage limits | 10...58 V DC                           |
| Residual current      | <= 0.5 mA for open state               |
| Switching frequency   | <= 1500 Hz                             |
| Voltage drop          | <= 4 V at closed state                 |
| Delay first up        | <= 5 ms                                |
| Delay response        | <= 2 ms                                |
| Delay recovery        | <= 5 ms                                |
| Marking               | CE                                     |
| Height                | 117 mm                                 |
| Width                 | 40 mm                                  |
| CAD overall height    | 117 mm                                 |
| CAD overall depth     | 41 mm                                  |
| Product weight        | 0.22 kg                                |

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## Environment

|                                       |                            |
|---------------------------------------|----------------------------|
| Product certifications                | CCC<br>CSA<br>C-Tick<br>UL |
| Ambient air temperature for operation | -25...70 °C                |
| RoHS EUR status                       | Compliant                  |
| RoHS EUR conformity date              | 0836                       |