



### Glavno

|                                    |  |
|------------------------------------|--|
| Range of product                   | OsiSense XS  |
| Series name                        | General purpose  |
| Sensor type                        | Inductive proximity sensor   |
| Wiring configuration               | 2-wire   |
| Output circuit type                | AC/DC  |
| Protection type                    | Short-circuit protection   |
| Device application                 | 2-wire DC short-circuit protection   |
| Sensor name                        | XS1  |
| Sensor design                      | Cylindrical M18  |
| Size                               | 60 mm  |
| Body type                          | Fixed  |
| Detector flush mounting acceptance | Flush mountable  |
| Material                           | Metal  |
| Type of output signal              | Discrete   |
| Wiring technique                   | 2-wire   |
| [Sn] nominal sensing distance      | 5 mm   |
| Discrete output function           | 1 NC   |
| Electrical connection              | Cable  |
| Cable length                       | 1 m  |
| [Us] rated supply voltage          | 24...240 V AC 50/60 Hz<br>24...210 V DC  |
| Switching capacity in mA           | 5...200 mA DC with overload and short-circuit protection<br>5...300 mA AC with overload and short-circuit protection |
| IP degree of protection            | IP68 double insulation conforming to IEC 60529   |

### Komplementarno

|                          |  |
|--------------------------|--|
| Thread type              | M18 x 1  |
| Detection face           | Frontal  |
| Front material           | PPS  |
| Enclosure material       | Nickel plated brass  |
| Operating zone           | 0...4 mm   |
| Differential travel      | 1...15% of Sr  |
| Cable composition        | 2 x 0.34 mm <sup>2</sup>                                   |
| Wire insulation material | PvR  |
| Status LED               | 1 LED green for supply on<br>1 LED yellow for output state |
| Supply voltage limits    | 20...264 V AC/DC   |
| Residual current         | <= 1.5 mA for open state                                   |
| Switching frequency      | <= 2000 Hz DC<br><= 25 Hz AC                               |
| Voltage drop             | <= 5.5 V at closed state                                   |
| Delay first up           | <= 70 ms   |
| Delay response           | <= 2 ms  |
| Delay recovery           | <= 4 ms  |

Informacije dane u ovoj dokumentaciji sadrže opće opise i/ili tehničke karakteristike o performansama ovdje sadržanih proizvoda. Ova dokumentacija nije namijenjena kao zamjena za niti bi se trebala koristiti za određivanje prikladnosti ili pouzdanosti predmetnih proizvoda za konkretne korisničke primjene. Svaki takav korisnik ili integrator dužan je provesti odgovarajuću i potpunu analizu rizika, procjenu i ispitivanje proizvoda u odnosu na odgovarajuću specifičnu primjenu ili uporabu istog. Niti društvo Schneider Electric Industries SAS niti bilo koje od njegovih povezanih podružnica neće preuzeti obvezu ili snositi odgovornost za pogrešnu upotrebu ovdje sadržanih informacija.

|                 |       |
|-----------------|-------|
| Marking         | CE    |
| Threaded length | 51 mm |
| Height          | 18 mm |
| Length          | 60 mm |

## Okolina

|                                       |   |
|---------------------------------------|---|
| product certifications                | CCC<br>CSA<br>UL  |
| ambient air temperature for operation | -40...70 °C   |
| vibration resistance                  | 25 gn amplitude = +/- 2 mm (f = 10...55 Hz) conforming to IEC 60068-2-6 |
| shock resistance                      | 50 gnfor 11 ms conforming to IEC 60068-2-27                             |

## Offer Sustainability

|   |   |
|---|---|
| Green Premium product   | Green Premium product   |
| Compliant - since 0840 - Schneider Electric declaration of conformity | Compliant - since 0840 - Schneider Electric declaration of conformity |
| Reference not containing SVHC above the threshold                     | Reference not containing SVHC above the threshold                     |
| Available   | Available   |
| Available   | Available   |