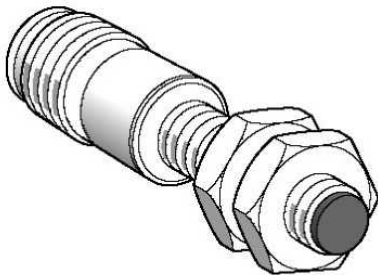


## XS4P08NA340D

inductive sensor XS4 M8 - L45mm - PPS - Sn2.5mm  
- 12..24VDC - M12



### Main

|                                    |   |
|------------------------------------|---|
| Range of product                   | OsiSense XS   |
| Series name                        | General purpose   |
| Sensor type                        | Inductive proximity sensor                              |
| Product specific application       | -   |
| Sensor name                        | XS4   |
| Sensor design                      | Cylindrical M8  |
| Size                               | 45 mm   |
| Body type                          | Fixed   |
| Detector flush mounting acceptance | Non flush mountable                                     |
| Material                           | Plastic   |
| Type of output signal              | Discrete  |
| Wiring technique                   | 3-wire  |
| [Sn] nominal sensing distance      | 2.5 mm  |
| Discrete output function           | 1 NO  |
| Output circuit type                | DC  |
| Discrete output type               | NPN   |
| Electrical connection              | M12 male connector, 4 pins                              |
| [Us] rated supply voltage          | 12...24 V DC with reverse polarity protection           |
| Switching capacity in mA           | <= 200 mA DC with overload and short-circuit protection |
| IP degree of protection            | IP67 conforming to IEC 60529                            |

### Complementary

|                       |                                 |
|-----------------------|---------------------------------|
| ISO thread            | M8 x 1                          |
| Detection face        | Frontal                         |
| Front material        | PPS                             |
| Enclosure material    | PPS                             |
| Operating zone        | 0...2 mm                        |
| Differential travel   | 1...15% of Sr                   |
| Status LED            | 1 LED (yellow) for output state |
| Supply voltage limits | 10...36 V DC                    |
| Switching frequency   | <= 5000 Hz                      |
| Voltage drop          | <= 2 V (closed)                 |
| Current consumption   | <= 10 mA (no-load)              |
| Delay first up        | <= 10 ms                        |
| Delay response        | <= 0.1 ms                       |
| Delay recovery        | <= 0.1 ms                       |
| Marking               | CE                              |
| Threaded length       | 26 mm                           |
| Length                | 42 mm                           |
| CAD overall height    | 18 mm                           |
| CAD overall depth     | 45 mm                           |
| Product weight        | 0.015 kg                        |

The information provided in this documentation contains general descriptions and/or technical characteristics of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## Environment

|                                       |   |
|---------------------------------------|---|
| Product certifications                | CSA<br>UL   |
| 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 (duration = 11 ms) conforming to IEC 60068-2-27                   |

## Offer Sustainability

|                                  |   |
|----------------------------------|---|
| Sustainable offer status         | Green Premium product   |
| RoHS                             | Compliant - since 1010 - Schneider Electric declaration of conformity |
| REACH                            | Reference not containing SVHC above the threshold                     |
| Product environmental profile    | Available   |
| Product end of life instructions | Available   |