

# XS1M30KP340D

inductive sensor XS1 M30 - L72mm - brass -  
Sn10mm - 12..24VDC - M12



## Main

|                                    |                                                      |
|------------------------------------|------------------------------------------------------|
| Range of product                   | OsiSense XS                                          |
| Series name                        | General purpose                                      |
| Sensor type                        | Inductive proximity sensor                           |
| Device application                 | -                                                    |
| Sensor name                        | XS1                                                  |
| Sensor design                      | Cylindrical M30                                      |
| Size                               | 72 mm                                                |
| Body type                          | Fixed                                                |
| Detector flush mounting acceptance | Flush mountable                                      |
| Material                           | Metal                                                |
| Type of output signal              | Discrete                                             |
| Wiring technique                   | 4-wire                                               |
| [Sn] nominal sensing distance      | 10 mm                                                |
| Discrete output function           | 1 NO or 1 NC programmable                            |
| Output circuit type                | DC                                                   |
| Discrete output type               | PNP and NPN                                          |
| Electrical connection              | 4 pins M12 male connector                            |
| [Us] rated supply voltage          | 12...24 V DC with reverse polarity protection        |
| Switching capacity in mA           | <= 200 mA with overload and short-circuit protection |
| IP degree of protection            | IP67 conforming to IEC 60529                         |

## Complementary

|                       |                               |
|-----------------------|-------------------------------|
| Thread type           | M30 x 1.5                     |
| Detection face        | Frontal                       |
| Front material        | PPS                           |
| Enclosure material    | Nickel plated brass           |
| Operating zone        | 0...8 mm                      |
| Differential travel   | 1...15% of Sr                 |
| Status LED            | 1 LED yellow for output state |
| Supply voltage limits | 10...36 V DC                  |
| Switching frequency   | <= 1000 Hz                    |
| Voltage drop          | <= 2.6 V at closed state      |
| Current consumption   | 0...10 mA at no-load          |
| Delay first up        | <= 5 ms                       |
| Delay response        | <= 0.3 ms                     |
| Delay recovery        | <= 0.7 ms                     |
| Marking               | CE                            |
| Threaded length       | 51 mm                         |
| Height                | 30 mm                         |
| Length                | 72 mm                         |
| Product weight        | 0.145 kg                      |

## 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 for 11 ms conforming to IEC 60068-2-27                            |

## Offer Sustainability

|                                  |                                                                                                                                            |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status         | Green Premium product                                                                                                                      |
| RoHS (date code: YYWW)           | Compliant - since 0812 - <a href="#">Schneider Electric declaration of conformity</a>                                                      |
| REACH                            | Reference not containing SVHC above the threshold                                                                                          |
| Product environmental profile    | Available  <a href="#">Download Product Environmental</a> |
| Product end of life instructions | Available  <a href="#">Download End Of Life Manual</a>    |