

# XS4P30PA370

inductive sensor XS4 M30 - L62mm - PPS -  
Sn15mm - 12..48VDC - cable 2m



## Main

|                                    |                                                         |
|------------------------------------|---------------------------------------------------------|
| Range of product                   | OsiSense XS                                             |
| Series name                        | General purpose                                         |
| Sensor type                        | Inductive proximity sensor                              |
| Device application                 | -                                                       |
| Sensor name                        | XS4                                                     |
| Sensor design                      | Cylindrical M30                                         |
| Size                               | 62 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      | 15 mm                                                   |
| Discrete output function           | 1 NO                                                    |
| Output circuit type                | DC                                                      |
| Discrete output type               | PNP                                                     |
| Electrical connection              | Cable                                                   |
| Cable length                       | 2 m                                                     |
| [Us] rated supply voltage          | 12...48 V DC with reverse polarity protection           |
| Switching capacity in mA           | <= 200 mA DC with overload and short-circuit protection |
| IP degree of protection            | IP68 double insulation conforming to IEC 60529          |

## Complementary

|                    |           |
|--------------------|-----------|
| Thread type        | M30 x 1.5 |
| Detection face     | Frontal   |
| Front material     | PPS       |
| Enclosure material | PPS       |

|                          |                                 |
|--------------------------|---------------------------------|
| Operating zone           | 0...12 mm                       |
| Differential travel      | 1...15% of Sr                   |
| Cable composition        | 3 x 0.34 mm <sup>2</sup>        |
| Wire insulation material | PvR                             |
| Status LED               | 1 LED (yellow) for output state |
| Supply voltage limits    | 10...58 V DC                    |
| Switching frequency      | <= 1000 Hz                      |
| Voltage drop             | <= 2 V (closed)                 |
| Current consumption      | 0...10 mA (no-load)             |
| Delay first up           | <= 10 ms                        |
| Delay response           | <= 0.3 ms                       |
| Delay recovery           | <= 0.7 ms                       |
| Marking                  | CE                              |
| Threaded length          | 52 mm                           |
| Height                   | 30 mm                           |
| Length                   | 62 mm                           |

## Environment

|                                       |                                                                         |
|---------------------------------------|-------------------------------------------------------------------------|
| Product certifications                | UL<br>CCC<br>Ecolab<br>CSA                                              |
| 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 (date code: YYWW)           | Compliant - since 0838 - Schneider Electric declaration of conformity<br><a href="#"> Schneider Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold<br><a href="#">Reference not containing SVHC above the threshold</a>                                                                                                    |
| Product environmental profile    | Available<br><a href="#"> Product environmental</a>                                                                                    |
| Product end of life instructions | Available<br><a href="#"> End of life manual</a>                                                                                       |

## Contractual warranty

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