

# Product data sheet

## Characteristics

# XSAV01801

inductive sensor XSAV - M30 - Sn10mm -  
6..150c/mn - 24..240VAC/DC - cable 2m



Product availability: Stock - Normally stocked in distribution facility

Price\*: 191.56 USD



### Main

|                                    |   |
|------------------------------------|---|
| Commercial Status                  | Commercialised                          |
| Range of product                   | OsiSense XS                             |
| Series name                        | Application                             |
| Sensor type                        | Inductive proximity sensor              |
| Product specific application       | Rotation monitoring                     |
| Sensor name                        | XSA                                     |
| Sensor design                      | Cylindrical M30                         |
| Size                               | 81 mm                                   |
| Body type                          | Fixed                                   |
| Detector flush mounting acceptance | Flush mountable                         |
| Material                           | Metal                                   |
| Enclosure material                 | Nickel plated brass                     |
| Type of output signal              | Discrete                                |
| Wiring technique                   | 2-wire                                  |
| [Sn] nominal sensing distance      | 0.39 in (10 mm)                         |
| Discrete output function           | 1 NC                                    |
| Output circuit type                | AC/DC                                   |
| Electrical connection              | Cable                                   |
| Cable length                       | 6.56 ft (2 m)                           |
| [Us] rated supply voltage          | 24...240 V AC 50/60 Hz<br>24...210 V DC |
| Switching capacity in mA           | 5...350 mA AC<br>5...200 mA DC          |
| IP degree of protection            | IP67 conforming to IEC 60529            |

### Complementary

|                            |                            |
|----------------------------|----------------------------|
| ISO thread                 | M30 x 1.5                  |
| Detection face             | Frontal                    |
| Front material             | PPS                        |
| Adjustable frequency range | 6...150 cyc/mn             |
| Operating zone             | 0...0.31 in (0...8 mm)     |
| Differential travel        | 3...15% of Fr              |
| Repeat accuracy            | 3% of Sr                   |
| Cable composition          | 2 x 0.34 mm <sup>2</sup>   |
| Wire insulation material   | PvR                        |
| Status LED                 | 1 LED red for output state |
| Supply voltage limits      | 20...264 V AC/DC           |

|                          |                          |
|--------------------------|--------------------------|
| Residual current         | <= 1.5 mA for open state |
| Switching frequency      | <= 100 Hz                |
| Voltage drop             | <= 5.7 V at closed state |
| Run up delay at power up | 0 s without              |
| Marking                  | CE                       |
| Threaded length          | 2.24 in (57 mm)          |
| Height                   | 1.18 in (30 mm)          |
| Length                   | 3.19 in (81 mm)          |
| Product weight           | 0.66 lb(US) (0.3 kg)     |

## Environment

|                                       |                            |
|---------------------------------------|----------------------------|
| Product certifications                | CCC<br>CSA<br>UL           |
| Ambient air temperature for operation | -13...158 °F (-25...70 °C) |

## Ordering and shipping details

|                       |   |
|-----------------------|---|
| Category              | 22486 - SENSORS, PROXIMITY                        |
| Discount Schedule     | DS2   |
| GTIN                  | 00785901776642                                    |
| Nbr. of units in pkg. | 1   |
| Package weight(Lbs)   | 0.53  |
| Product availability  | Stock - Normally stocked in distribution facility |
| Returnability         | Y   |
| Country of origin     | FR  |

## Offer Sustainability

|                                  |   |
|----------------------------------|---|
| Sustainable offer status         | Green Premium product   |
| RoHS                             | Compliant - since 1136 - <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>                                 |

## Contractual warranty

|        |           |
|--------|-----------|
| Period | 18 months |
|--------|-----------|