# Product data sheet
## Characteristics

# XSAV12801L10

inductive sensor XSAV - M30 - Sn10mm - 120..3000c/mn - 24..240VAC/DC - cable 10m

Green Premium™ Product

Product availability:  Non-Stock - Not normally stocked in distribution facility

## 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 | 32.81 ft (10 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 | 120...3000 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 mm² |
| 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 | <= 800 Hz |
| Voltage drop | <= 5.7 V at closed state |
| Run up delay at power up | 9 s standard |
| Marking | CE |
| Threaded length | 2.24 in (57 mm) |

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| | |
|---|---|
| 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 | 00785901702689 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 0.53 |
| Product availability | Non-Stock - Not normally stocked in distribution facility |
| Returnability | N |
| Country of origin | FR |

## Offer Sustainability

| | |
|---|---|
| Sustainable offer status | Green Premium product |
| RoHS | Compliant - since 0846 - Schneider Electric declaration of conformity |
| REACh | Reference not containing SVHC above the threshold |
| Product environmental profile | Available Download Product Environmental |
| Product end of life instructions | Available Download End Of Life Manual |

## Contractual warranty

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

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