# XSAV11801

inductive sensor, XSA, cylindrical, M30, sensing 10 mm, 2 meter cable

Product availability : Stock - Normally stocked in distribution facility

Green Premium™

Price* : 191.56 USD



## Main

| | |
|---|---|
| Range of product | OsiSense XS |
| Series name | Application |
| Sensor type | Inductive proximity sensor |
| Device 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...210 V DC<br>24...240 V AC 50/60 Hz |
| Switching capacity in mA | 5...200 mA DC<br>5...350 mA AC |
| IP degree of protection | IP67 conforming to IEC 60529 |

* Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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## Complementary

| | |
|---|---|
| Thread type | M30 x 1.5 |
| Detection face | Frontal |
| Front material | PPS |
| Sensing range | > 0.31...0.59 in (> 8...15 mm) |
| Adjustable frequency range | 6…150 cyc/mn |
| Operating zone | 0.00…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 | Output state 1 LED red) |
| Supply voltage limits | 20…264 V AC/DC |
| Maximum residual current | 1.5 mA open state |
| Switching frequency | <= 100 Hz |
| Maximum voltage drop | <5.7 V closed) |
| Run-up delay at power-up | 9 s standard |
| Marking | CE |
| Threaded length | 2.64 in (67 mm) |
| Length | 3.19 in (81 mm) |
| Net Weight | 0.66 lb(US) (0.3 kg) |

## Environment

| | |
|---|---|
| Product certifications | UL<br>CSA<br>CCC |
| Ambient air temperature for operation | -13…158 °F (-25…70 °C) |
| Ambient air temperature for storage | -40…185 °F (-40…85 °C) |

## Ordering and shipping details

| | |
|---|---|
| Category | 22486 - SENSORS, PROXIMITY |
| Discount Schedule | DS2 |
| GTIN | 00785901528036 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 0.53 lb(US) (0.24 kg) |
| Returnability | Yes |
| Country of origin | FR |

## Packing Units

| | |
|---|---|
| Unit Type of Package 1 | PCE |
| Package 1 Height | 1.61 in (4.1 cm) |
| Package 1 width | 3.74 in (9.5 cm) |
| Package 1 Length | 5.20 in (13.2 cm) |

## Offer Sustainability

| | |
|---|---|
| Sustainable offer status | Green Premium product |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov |
| REACh Regulation | REACh Declaration |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) |

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| | EU RoHS Declaration |
|---|---|
| Mercury free | Yes |
| RoHS exemption information | Yes |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End of Life Information |

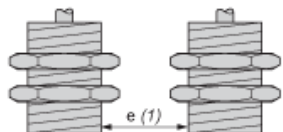## Contractual warranty

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

## XSAV11801

## Dimensions



(1)  LED

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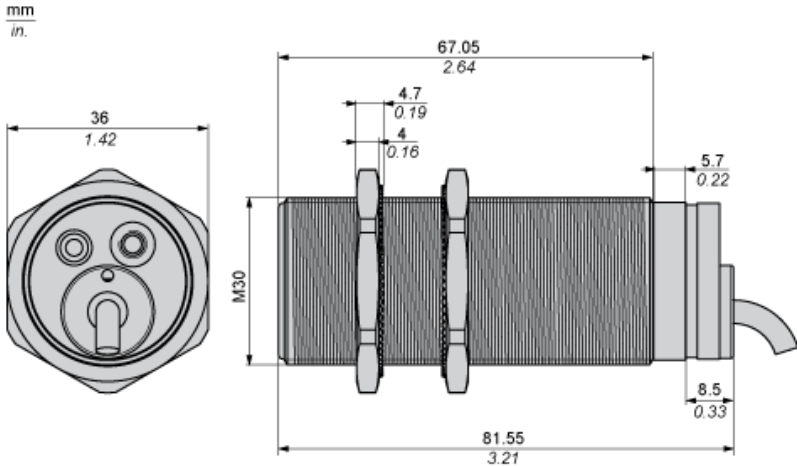
## Minimum Mounting Distances

Side by side



e (1) ≥     20 mm/0.79 in

Face to face
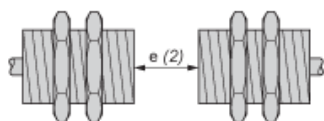


e (2) ≥     120 mm/4.72 in

Facing a metal object
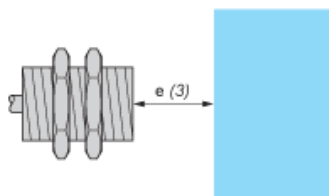


e (3) ≥     30 mm/1.18 in.

## Wiring Schemes

2-wire AC or DC



BU :     Blue
BN :     Brown

## XSAV11801

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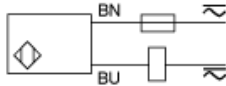
Performance Curves

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### Standard Steel Target : 30x30x1 mm
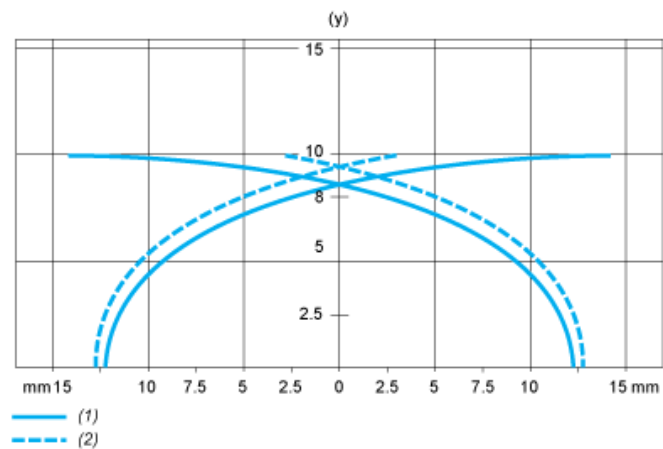


(1)     Pick-up points
(2)     Drop-out points (object approaching from the side)
(y)     Sensing distance in mm