

## Product data sheet

### Characteristics

# XS630B1MBL2

inductive sensor XS6 M30 - L62mm - brass -  
Sn15mm - 24..240VAC/DC - cable 2m

Product availability : Stock - Normally stocked in distribution facility



Price\* : 94.96 USD



### Main

|                                    |   |
|------------------------------------|---|
| Range of product                   | OsiSense XS   |
| Series name                        | General purpose   |
| Sensor type                        | Inductive proximity sensor  |
| Device application                 | -   |
| Sensor name                        | XS6   |
| Sensor design                      | Cylindrical M30   |
| Size                               | 62 mm   |
| Body type                          | Fixed   |
| Detector flush mounting acceptance | Flush mountable   |
| Material                           | Metal   |
| Type of output signal              | Discrete  |
| Wiring technique                   | 2-wire  |
| [Sn] nominal sensing distance      | 0.59 in (15 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/DC (50/60 Hz)   |
| Switching capacity in mA           | 5...200 mA DC<br>5...300 mA AC  |
| IP degree of protection            | IP68 double insulation conforming to IEC 60529<br>IP69K conforming to DIN 40050 |

### Complementary

|                |           |
|----------------|-----------|
| Thread type    | M30 x 1.5 |
| Detection face | Frontal   |

|                          |                                |
|--------------------------|--------------------------------|
| Front material           | PPS                            |
| Enclosure material       | Nickel plated brass            |
| Sensing range            | > 0.31...0.59 in (> 8...15 mm) |
| Operating zone           | 0...0.47 in (0...12 mm)        |
| Differential travel      | 1...15% of Sr                  |
| Cable composition        | 2 x 0.34 mm <sup>2</sup>       |
| Wire insulation material | PvR                            |
| Status LED               | 1 LED (yellow) output state    |
| Supply voltage limits    | 20...264 V AC/DC               |
| Residual current         | <= 0.8 mA, open state          |
| Switching frequency      | <= 25 Hz AC<br><= 500 Hz DC    |
| Voltage drop             | <= 5.5 V, closed state         |
| Delay first up           | <= 25 ms                       |
| Delay response           | <= 0.5 ms                      |
| Delay recovery           | <= 2 ms                        |
| Marking                  | CE                             |
| Threaded length          | 2.05 in (52 mm)                |
| Length                   | 2.44 in (62 mm)                |
| Product weight           | 0.45 lb(US) (0.205 kg)         |

## Environment

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

## Ordering and shipping details

|                       |                            |
|-----------------------|----------------------------|
| Category              | 22486 - SENSORS, PROXIMITY |
| Discount Schedule     | DS2                        |
| GTIN                  | 00785901656456             |
| Nbr. of units in pkg. | 1                          |
| Package weight(Lbs)   | 0.45000000000000001        |
| Returnability         | Y                          |
| Country of origin     | ID                         |

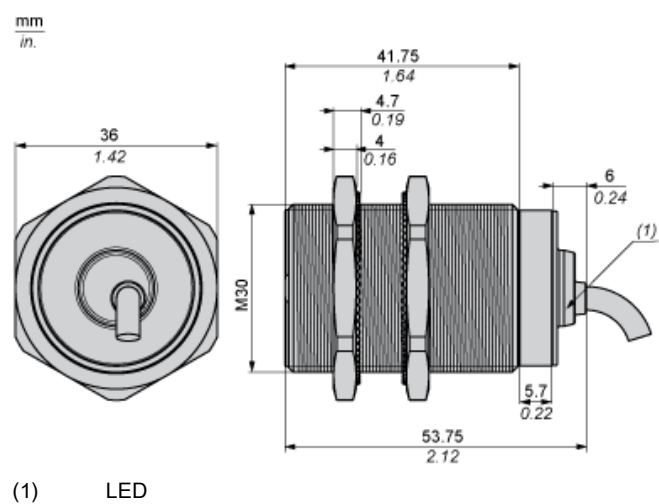
## Offer Sustainability

|                                  |   |
|----------------------------------|---|
| Sustainable offer status         | Green Premium product   |
| RoHS (date code: YYWW)           | Compliant - since 0811 - 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   |
| Product end of life instructions | Available   |

## Contractual warranty

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

## Dimensions



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Minimum Mounting Distances

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Side by side



$e (1) \geq 30 \text{ mm}/1.18 \text{ in.}$

Face to face



$e (2) \geq 180 \text{ mm}/7.09 \text{ in.}$

Facing a metal object



$e (3) \geq 45 \text{ mm}/1.77 \text{ in.}$

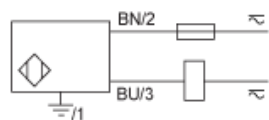
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## Wiring Schemes

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### 2-Wire AC or DC

NC output



BU : Blue  
BN : Brown