

# XS630B1MBU20

inductive sensor XS6 M30 - L73mm - brass -  
Sn15mm - 24..240VAC/DC - 1/2"

Product availability : Stock - Normally stocked in distribution facility



## 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                               | 73 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              | Male connector 1/2"20 UNF 3 pins                              |
| [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            | IP67 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 |

|                       |                             |
|-----------------------|-----------------------------|
| Operating zone        | 0...0.47 in (0...12 mm)     |
| Differential travel   | 1...15% of Sr               |
| 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                | 2.87 in (73 mm)             |
| Product weight        | 0.36 lb(US) (0.165 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                  | 00785901235064             |
| Nbr. of units in pkg. | 1                          |
| Package weight(Lbs)   | 0.3599999999999999         |
| Returnability         | Y                          |
| Country of origin     | FR                         |

## 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                                                                                                                                                                                                                 |
| Product end of life instructions | Available                                                                                                                                                                                                                 |

## Contractual warranty

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