

# XS518B1MBU20

inductive sensor XS5 M18 - L73mm - brass -  
Sn5mm - 24..240VAC/DC - 1/2"



## Main

|                                    |                                                               |
|------------------------------------|---------------------------------------------------------------|
| Range of product                   | OsiSense XS                                                   |
| Series name                        | General purpose                                               |
| Sensor type                        | Inductive proximity sensor                                    |
| Device application                 | -                                                             |
| Sensor name                        | XS5                                                           |
| Sensor design                      | Cylindrical M18                                               |
| 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      | 5 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 with reverse polarity protection             |
| 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 |

## Buy online

## Complementary

|                       |                                 |
|-----------------------|---------------------------------|
| Thread type           | M18 x 1                         |
| Detection face        | Frontal                         |
| Front material        | PPS                             |
| Enclosure material    | Nickel plated brass             |
| Operating zone        | 0...4 mm                        |
| Differential travel   | 1...15% of Sr                   |
| Status LED            | 1 LED (yellow) for output state |
| Supply voltage limits | 20...264 V AC/DC                |
| Residual current      | <= 0.8 mA, open state           |
| Switching frequency   | <= 1000 Hz DC<br><= 25 Hz AC    |
| Voltage drop          | <= 5.5 V, closed state          |
| Delay first up        | <= 25 ms                        |
| Delay response        | <= 0.5 ms                       |
| Delay recovery        | <= 0.5 ms                       |
| Marking               | CE                              |
| Threaded length       | 52 mm                           |
| Height                | 18 mm                           |
| Length                | 73 mm                           |

## Environment

|                                       |                                                                         |
|---------------------------------------|-------------------------------------------------------------------------|
| Product certifications                | CSA<br>UL                                                               |
| Ambient air temperature for operation | -25...70 °C                                                             |
| Ambient air temperature for storage   | -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                   |

## Offer Sustainability

|                                  |                                                                                                                                    |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status         | Green Premium product                                                                                                              |
| RoHS (date code: YYWW)           | Compliant - since 0936 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold                                                                                  |
| Product environmental profile    | Available <a href="#">Product Environmental</a>                                                                                    |
| Product end of life instructions | Available <a href="#">End Of Life Manual</a>                                                                                       |

## Contractual warranty

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