

# XS8C4A4DPP20

inductive sensor XS8 40x40x117 - PBT - Sn40 mm - 12..48VDC - terminals



## Main

|                                    |   |
|------------------------------------|---|
| Range of product                   | OsiSense XS   |
| Series name                        | General purpose   |
| Sensor type                        | Inductive proximity sensor  |
| Device application                 | -   |
| Sensor name                        | XS8   |
| Sensor design                      | Form 40 x 40 x 117  |
| Size                               | 117 mm  |
| Body type                          | Fixed   |
| Detector flush mounting acceptance | Non flush mountable   |
| Material                           | Plastic   |
| Enclosure material                 | PBT   |
| Type of output signal              | Discrete  |
| Wiring technique                   | 2-wire  |
| [Sn] nominal sensing distance      | 40 mm   |
| Discrete output function           | 1 NO or 1 NC programmable   |
| Output circuit type                | DC  |
| Electrical connection              | Screw-clamp terminals, clamping capacity: 4 x 1.5 mm <sup>2</sup>                             |
| [Us] rated supply voltage          | 12...48 V DC with reverse polarity protection   |
| Switching capacity in mA           | 1.5...100 mA with overload and short-circuit protection                                       |
| IP degree of protection            | IP65 conforming to IEC 60529<br>IP67 conforming to IEC 60529<br>IP69K conforming to DIN 40050 |

## Buy online

## Complementary

|                       |  |
|-----------------------|--|
| Detection face        | 5 positions turret head                  |
| Front material        | PBT                                      |
| Operating zone        | 0...32 mm                                |
| Differential travel   | 3...15% of Sr                            |
| Repeat accuracy       | <= 3% of Sr                              |
| Cable entry number    | 1 tapped entry for M20 x 1.5 cable gland |
| Status LED            | 1 LED yellow for output state            |
| Supply voltage limits | 10...58 V DC                             |
| Residual current      | <= 0.6 mA for open state                 |
| Switching frequency   | <= 200 Hz                                |
| Voltage drop          | <= 4.2 V at closed state                 |
| Delay first up        | <= 7.5 ms                                |
| Delay response        | <= 1.4 ms                                |
| Delay recovery        | <= 2.5 ms                                |
| Marking               | CE                                       |
| Height                | 40 mm                                    |
| Length                | 40 mm                                    |
| Width                 | 117 mm                                   |
| Product weight        | 0.244 kg                                 |

## Environment

|                                       |   |
|---------------------------------------|---|
| Product certifications                | CCC<br>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 for 11 ms conforming to EN 60068-2-27                             |

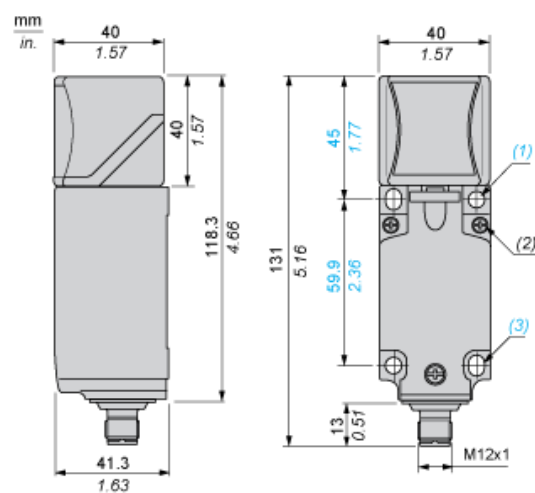
## Offer Sustainability

|                                  |  |
|----------------------------------|--|
| Sustainable offer status         | Green Premium product  |
| RoHS (date code: YYWW)           | Compliant - since 1213 - 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 | Need no specific recycling operations  |

## Contractual warranty

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

## Dimensions



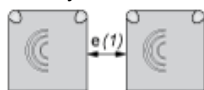
## Mounting

### Head Positions



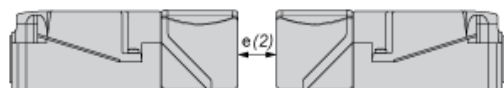
### Setting-up Precautions

#### Side by Side



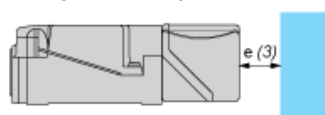
$e(1) \geq 160$

#### Face to Face



$e(2) \geq 320$

#### Facing a Metal Object



$e(3) \geq 120$

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## Wiring Schemes

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### 2-Wire DC (Non Polarised)

