## Main
- **Range of product**: OsiSense XS
- **Series name**: General purpose
- **Sensor type**: Inductive proximity sensor
- **Device application**: -
- **Sensor name**: XS8
- **Sensor design**: Flat form 80 x 80 x 26
- **Size**: 26 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**: 1.57 in (40 mm) flush mountable, 2.36 in (60 mm) non flush mountable
- **Discrete output function**: 1 NO
- **Output circuit type**: AC/DC
- **Electrical connection**: 3 pins 1/2”20 UNF male connector
- **[Us] rated supply voltage**: 24...240 V AC/DC 50/60 Hz
- **Switching capacity in mA**: 5...200 mA DC, 5...300 mA AC
- **IP degree of protection**: IP67 double insulation conforming to IEC 60529

## Complementary
- **Detection face**: Frontal
- **Front material**: PBT
- **Fine adjustment zone**: 0.79...1.57 in (20...40 mm) flush mountable, 0.79...2.36 in (20...60 mm) non flush mountable
- **Differential travel**: 1...15% of Sr
- **Supply voltage limits**: 20...264 V AC/DC
- **Residual current**: <= 1.5 mA open state
- **Switching frequency**: <= 150 Hz
- **Voltage drop**: <= 5.5 V at closed state
- **Current consumption**: <= 10 mA at no-load
- **Delay first up**: <= 15 ms
- **Delay response**: <= 0.3 ms
- **Delay recovery**: <= 6 ms
- **Marking**: CE
- **Depth**: 1.02 in (26 mm)
- **Height**: 3.15 in (80 mm)
- **Width**: 3.15 in (80 mm)
- **Product weight**: 0.75 lb(US) (0.34 kg)

## Environment
- **product certifications**: CCC, CSA, UL
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 11 ms conforming to IEC 60068-2-27

Offer Sustainability

Green Premium product

Compliant - since 0825 - Schneider Electric declaration of conformity

Reference not containing SVHC above the threshold

Available

Need no specific recycling operations

WARNING: This product can expose you to chemicals including:

Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and

Diisodecyl 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

Contractual warranty

Warranty period 18 months

Dimensions

Setting-up

Minimum Mounting Distances (mm)

Side by Side

Face to Face
Facing a Metal Object

<table>
<thead>
<tr>
<th></th>
<th>e (1)</th>
<th>e (2)</th>
<th>e (3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flush mounted</td>
<td>200</td>
<td>400</td>
<td>40</td>
</tr>
<tr>
<td>Not flush mounted</td>
<td>600</td>
<td>not recommended</td>
<td></td>
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</tbody>
</table>

Wiring Schemes

2-Wire NO Output

1/2"-20UNF