**Product data sheet**

**Characteristics**

### 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**: Plastic
- **Type of output signal**: Discrete
- **Wiring technique**: 2-wire
- **[Sn] nominal sensing distance**: 20 mm
- **Discrete output function**: 1 NO or 1 NC programmable
- **Output circuit type**: AC
- **Electrical connection**: Screw-clamp terminals, 2 x 1.5 mm²
- **[Us] rated supply voltage**: 24...240 V AC 50/60 Hz
- **Switching capacity in mA**: 5...500 mA
- **IP degree of protection**: IP67 conforming to IEC 60529

### Complementary

- **Detection face**: 5 positions turret head
- **Front material**: Plastic
- **Operating zone**: 0…16 Mm
- **Differential travel**: 3…20% of Sr
- **Repeat accuracy**: <= 3% of Sr
- **Status LED**: Output state: 1 LED (yellow)
- **Supply voltage limits**: 20…264 V AC
- **Maximum residual current**: 1.5 MA open state

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**Product Life Status : END OF STANDARD SERVICE**

**Today**

**JUL 26, 2020**

**End of Commercialization**

**JUN 30, 2014**

**End of Standard Service**

**SEP 30, 2014**
<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Switching frequency</td>
<td>&lt;= 25 Hz</td>
</tr>
<tr>
<td>Maximum voltage drop</td>
<td>&lt;5.5 V (closed)</td>
</tr>
<tr>
<td>Maximum delay first up</td>
<td>120 Ms</td>
</tr>
<tr>
<td>Maximum delay response</td>
<td>30 Ms</td>
</tr>
<tr>
<td>Maximum delay recovery</td>
<td>20 Ms</td>
</tr>
<tr>
<td>Marking</td>
<td>CE</td>
</tr>
<tr>
<td>Height</td>
<td>40 Mm</td>
</tr>
<tr>
<td>Length</td>
<td>40 Mm</td>
</tr>
<tr>
<td>Width</td>
<td>117 Mm</td>
</tr>
</tbody>
</table>

**Environment**

<table>
<thead>
<tr>
<th>Product certifications</th>
<th>UL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>CSA</td>
</tr>
<tr>
<td></td>
<td>CCC</td>
</tr>
</tbody>
</table>

| Ambient air temperature for operation | -25...70 °C |

**Packing Units**

<table>
<thead>
<tr>
<th>Package</th>
<th>Weight</th>
<th>Height</th>
<th>Width</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.243 Kg</td>
<td>0.450 Dm</td>
<td>0.470 Dm</td>
<td>1.400 Dm</td>
</tr>
</tbody>
</table>

**Contractual warranty**

<table>
<thead>
<tr>
<th>Warranty</th>
<th>18 months</th>
</tr>
</thead>
</table>

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Dimensions

(1) Output LED
(2) 1 tapped entry for Pg 13.5 cable gland
(3) 2 elongated holes Ø 5.3 x 7
Setting-up

Minimum Mounting Distances (mm)

**Side by Side**

\[ e (1) \geq 80 \]

**Face to Face**

\[ e (2) \geq 160 \]

**Facing a Metal Object**

\[ e (3) \geq 60 \]
Wiring Schemes

2-Wire AC Programmable, NO or NC Output Depending on Position of Link