Product data sheet

Characteristics

XS7C40FP260H7
inductive sensor XS7 40x40x117 - plastic -
Sn15mm - 24..240VAC - terminals

Product Life Status : END OF STANDARD SERVICE

End of Commercialization
JUN 30, 2014

End of Standard Service
SEP 30, 2014

Main

Range of product OsiSense XS
Series name General purpose
Sensor type Inductive proximity sensor
Device application -
Sensor name XS7
Sensor design Form 40 x 40 x 117
Size 117 mm
Body type Fixed
Detector flush mounting acceptance Flush mountable
Material Plastic
Enclosure material Plastic
Type of output signal Discrete
Wiring technique 2-wire
[Sn] nominal sensing distance 15 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

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Complementary

Detection face 5 positions turret head
Front material Plastic
Operating zone 0...12 Mm
Differential travel 3...20% of Sr
Repeat accuracy <= 3% of Sr
Cable entry number 1 tapped entry for 1/2" NPT cable gland
Status LED Output state: 1 LED (yellow)
Supply voltage limits 20...264 V AC
<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum residual current</td>
<td>1.5 MA open state</td>
</tr>
<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**

- **Product certifications**: UL, CSA, CCC, C-Tick
- **Ambient air temperature for operation**: -25…70 °C

**Contractual warranty**

- **Warranty**: 18 months
Dimensions

(1) Output LED
(2) 1 tapped entry for 1/2" NPT
(3) 2 elongated holes Ø 5.3 x 7
Setting-up

Minimum Mounting Distances (mm)

Side by Side

\[ e (1) \geq 40 \]

Face to Face

\[ e (2) \geq 120 \]

Facing a Metal Object

\[ e (3) \geq 45 \]
Wiring Schemes

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