

# OGU121G3-T3 Cut Sheet



di-soric photoelectric fork sensor, U-frame, die-cast zinc housing, through-beam, visible red, 0-120mm sensing distance, 10-30 VDC operating voltage, selectable light-on/dark-on, push-pull NPN or PNP, 3-wire, 3-pin M8 quick-disconnect.

For complete product information, please see this item on our store at the following link:



<https://www.automationdirect.com/pn/OGU121G3-T3>

## Technical Specifications

<b>Brand</b>	di-soric
<b>Item</b>	Photoelectric fork sensor
<b>Shape</b>	U-frame
<b>Housing Size</b>	144 x 90 x 12mm
<b>IP Rating</b>	IP67
<b>Housing Material</b>	Die-cast zinc
<b>Sensing Method</b>	Through-beam
<b>Operating Voltage</b>	10-30 VDC
<b>Number of Wires</b>	3
<b>Switching Output</b>	Push-pull NPN or PNP
<b>Sensing Distance</b>	0-120mm
<b>Sensitivity</b>	Potentiometer
<b>Operation Mode</b>	Selectable light-on/dark-on

<b>Switching Frequency</b>	8 kHz
<b>Light Emission (NP)</b>	Visible red
<b>IO-Link Compatible</b>	Yes
<b>Connection</b>	3-pin M8 quick-disconnect
<b>Communication Port and Connection Type(s)</b>	(1) 3-pin M8 (IO-Link) port(s)
<b>Port Protocol(s)</b>	IO-Link Class A Device
<b>Port Speed(s)</b>	IO-Link COM2
<b>IO-Link Version</b>	IO-Link v1.1
<b>Standard I/O Mode Supported</b>	Yes
<b>Additional Information</b>	Purchase cable separately

## Agency Approvals

<b>UL Listed File #</b>	E303138
<b>UL Recognized File #</b>	None
<b>UL Hazardous File #</b>	None
<b>CE</b>	<a href="#">View CE declarations</a>
<b>CSA File #</b>	None
<b>RoHS Status</b>	Yes (See CE Doc)
<b>EU REACH</b>	<a href="#">View EU REACH document</a>

## Dimensional Drawings



2D Drawing PDF Link:  
<https://cdn.automationdirect.com/static/drawings/2d/OGU121G3-T3.pdf>  
See store item page for other formats.