

# OPT2011 Cut Sheet



Wenglor photoelectric sensor, square, diffuse, Class 1 red laser, 0.05-3.05m sensing distance, selectable light-on/dark-on, NPN/ PNP, teach-in button, 250 Hz switching frequency, polycarbonate housing, 4-pin M12 quick-disconnect.

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



<https://www.automationdirect.com/pn/OPT2011>

## Technical Specifications

<b>Brand</b>	Wenglor	<b>Analog Output</b>	0-10 VDC or 4-20 mA
<b>Item</b>	Photoelectric sensor	<b>Sensing Distance</b>	0.05-3.05m
<b>Shape</b>	Square	<b>Sensitivity</b>	Teach-in button
<b>Housing Size</b>	50 x 50 x 20mm	<b>Operation Mode</b>	Selectable light-on/dark-on
<b>IP Rating</b>	IP68	<b>Switching Frequency</b>	250 Hz
<b>Housing Material</b>	Polycarbonate	<b>Measuring Rate</b>	500/s
<b>Sensing Method</b>	Diffuse	<b>Light Emission (NP)</b>	Class 1 red laser
<b>Sensing Technology</b>	Time of Flight technology	<b>User Interface</b>	Pushbutton user interface with display
<b>Sensor Type</b>	Distance measuring	<b>Connection</b>	4-pin M12 quick-disconnect
<b>Operating Voltage</b>	18-30 VDC	<b>Includes</b>	Mounting hardware
<b>Switching Output</b>	NPN/PNP	<b>Additional Information</b>	Purchase cable separately

## Agency Approvals

<b>UL Listed File #</b>	E189727
<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/OPT2011.pdf>  
See store item page for other formats.