

# OPT2012 Cut Sheet



Wenglor photoelectric sensor, rectangular, diffuse, Class 1 laser light emission, 0.2-6.2m sensing distance, selectable light-on/dark-on, NPN/PNP, teach-in button, 50 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/OPT2012>

## Technical Specifications

<b>Brand</b>	Wenglor
<b>Item</b>	Photoelectric sensor
<b>Shape</b>	Rectangular
<b>Housing Size</b>	81 x 55 x 30mm
<b>IP Rating</b>	IP68
<b>Housing Material</b>	Polycarbonate
<b>Sensing Method</b>	Diffuse
<b>Sensing Technology</b>	Time of Flight technology
<b>Sensor Type</b>	Distance measuring
<b>Operating Voltage</b>	18-30 VDC
<b>Switching Output</b>	NPN/PNP
<b>Analog Output</b>	0-10 VDC or 4-20 mA
<b>Sensing Distance</b>	0.2-6.2m
<b>Sensitivity</b>	Teach-in button
<b>Operation Mode</b>	Selectable light-on/dark-on
<b>Switching Frequency</b>	50 Hz
<b>Measuring Rate</b>	1-100/s
<b>Light emission</b>	Class 1 laser
<b>User Interface</b>	Pushbutton user interface with display
<b>Connection</b>	4-pin M12 quick-disconnect
<b>Includes</b>	Mounting hardware
<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>