

# OPT2148 Cut Sheet



Wenglor photoelectric sensor, square, plastic, diffuse with background suppression, 0-200mm sensing distance, complementary light-on/dark-on, NPN, potentiometer, 800 Hz switching frequency, 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/OPT2148>

## Technical Specifications

<b>Brand</b>	Wenglor
<b>Item</b>	Photoelectric sensor
<b>Shape</b>	Square
<b>Housing Size</b>	50 x 50 x 20mm
<b>IP Rating</b>	IP67 IP68
<b>Housing Material</b>	Plastic
<b>Sensing Method</b>	Diffuse with background suppression
<b>Operating Voltage</b>	15-30 VDC
<b>Number of Wires</b>	4
<b>Switching Output</b>	NPN
<b>Sensing Distance</b>	0-200mm
<b>Sensitivity</b>	Potentiometer
<b>Operation Mode</b>	Complementary light-on/dark-on
<b>Switching Frequency</b>	800 Hz
<b>Light emission</b>	Visible red
<b>IO-Link Compatible</b>	Yes
<b>Connection</b>	4-pin M12 quick-disconnect
<b>Communication Port and Connection Type(s)</b>	(1) 4-pin M12 A-coded (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>Includes</b>	Mounting hardware
<b>Additional Information</b>	Purchase cable separately

## Agency Approvals

<b>UL Listed File #</b>	E189727
<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>