

# OPT2518 Cut Sheet



Wenglor photoelectric sensor, rectangular, diffuse, Class 2 blue laser, 150-1000mm sensing distance, teach-in button, aluminum housing, 5-pin M12 quick-disconnect.

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



<https://www.automationdirect.com/pn/OPT2518>

## Technical Specifications

<b>Brand</b>	Wenglor
<b>Item</b>	Photoelectric sensor
<b>Shape</b>	Rectangular
<b>Housing Size</b>	71 x 63 x 30mm
<b>IP Rating</b>	IP67
<b>Application</b>	Laser, measurement, standard duty, analog output and IO-Link
<b>Housing Material</b>	Aluminum
<b>Sensing Method</b>	Diffuse
<b>Sensing Technology</b>	Triangulation
<b>Sensor Type</b>	Distance measuring
<b>Operating Voltage</b>	18-30 VDC
<b>Number of Wires</b>	5
<b>Analog Output</b>	4-20 mA
<b>Sensing Distance</b>	150-1000mm

<b>Sensitivity</b>	Teach-in button
<b>Measuring Rate</b>	2500/s
<b>Light Emission</b>	Class 2 blue laser
<b>IO-Link Compatible</b>	Yes
<b>User Interface</b>	Pushbutton user interface with display
<b>Connection</b>	5-pin M12 quick-disconnect
<b>Communication Port and Connection Type(s)</b>	(1) 5-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 COM3
<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>	NRKH.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/2d/OPT2518.pdf>  
See store item page for other formats.