

# FW3-LP-1E Cut Sheet



Photoelectric sensor, rectangular, diffuse with background suppression, visible red light emission, 50-800mm sensing distance, light-on, PNP, adjustable, 3-wire, 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/FW3-LP-1E>

## Technical Specifications

<b>Item</b>	Photoelectric sensor
<b>Shape</b>	Rectangular
<b>Housing Size</b>	74.6 x 38 x 43mm
<b>Thread mounting base size</b>	30mm
<b>IP Rating</b>	IP67
<b>Housing Material</b>	Metal
<b>Sensing Method</b>	Diffuse with background suppression
<b>Operating Voltage</b>	10-30 VDC
<b>Number of Wires</b>	3

<b>Switching Output</b>	PNP
<b>Sensing Distance</b>	50-800mm
<b>Sensitivity</b>	Adjustable
<b>Operation Mode</b>	Light-on
<b>Switching Frequency</b>	300 Hz
<b>Light Emission</b>	Visible red
<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>	E328811
<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/FW3-LP-1E.pdf>  
See store item page for other formats.