

# F8R6-LP-1F Cut Sheet



ProSense photoelectric sensor, tubular, threaded, diffuse, visible red, 1–60mm sensing distance, light-on, PNP, 500 Hz switching frequency, 8mm diameter x 40mm body, 303 stainless steel, 3-pin M8 quick-disconnect.

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



<https://www.automationdirect.com/pn/F8R6-LP-1F>

## Technical Specifications

<b>Brand</b>	ProSense
<b>Item</b>	Photoelectric sensor
<b>Shape</b>	Tubular
<b>Barrel Type</b>	Threaded
<b>IP Rating</b>	IP67
<b>Application</b>	Small space and standard duty
<b>Housing Size</b>	8mm diameter x 40mm body
<b>Housing Material</b>	303 stainless steel
<b>Sensing Method</b>	Diffuse
<b>Operating Voltage</b>	10–30 VDC

<b>Switching Output</b>	PNP
<b>Sensing Distance</b>	1–60mm
<b>Operation Mode</b>	Light-on
<b>Switching Frequency</b>	500 Hz
<b>Light Emission</b>	Visible red
<b>IO-Link Compatible</b>	No
<b>Connection</b>	3-pin M8 quick-disconnect
<b>Number of Wires</b>	3
<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/F8R6-LP-1F.pdf>  
See store item page for other formats.