

# F16RP-DN-1F Cut Sheet



ProSense photoelectric sensor, rectangular, polarized retroreflective, visible red, 0-1m sensing distance, dark-on, NPN, 3-wire, 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/F16RP-DN-1F>

## Technical Specifications

<b>Brand</b>	ProSense
<b>Item</b>	Photoelectric sensor
<b>Shape</b>	Rectangular
<b>Housing Size</b>	8 x 8 x 44mm body
<b>IP Rating</b>	IP67
<b>Housing Material</b>	Die-cast zinc
<b>Sensing Method</b>	Polarized retroreflective
<b>Operating Voltage</b>	10-30 VDC
<b>Number of Wires</b>	3
<b>Switching Output</b>	NPN

<b>Sensing Distance</b>	0-1m
<b>Operation Mode</b>	Dark-on
<b>Switching Frequency</b>	500 Hz
<b>Light Emission (NP)</b>	Visible red
<b>IO-Link Compatible</b>	No
<b>Cable Length</b>	0.6ft/0.2m
<b>Jacket Material</b>	316L stainless steel
<b>Connection</b>	3-pin M8 quick-disconnect
<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/F16RP-DN-1F.pdf>  
See store item page for other formats.