

# FBP-DN-0E Cut Sheet



AutomationDirect photoelectric sensor, tubular, threaded, polarized retroreflective, visible red, 2.5m sensing distance, dark-on, NPN, 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/FBP-DN-0E>

## Technical Specifications

<b>Brand</b>	AutomationDirect	<b>Number of Wires</b>	3
<b>Item</b>	Photoelectric sensor	<b>Switching Output</b>	NPN
<b>Shape</b>	Tubular	<b>Sensing Distance</b>	2.5m
<b>Barrel Type</b>	Threaded	<b>Operation Mode</b>	Dark-on
<b>Housing Size</b>	18mm diameter x 33.9mm body	<b>Switching Frequency</b>	1 kHz
<b>IP Rating</b>	IP67	<b>Light Emission (NP)</b>	Visible red
<b>Housing Material</b>	Plastic	<b>Connection</b>	4-pin M12 quick-disconnect
<b>Sensing Method</b>	Polarized retroreflective	<b>Includes</b>	Mounting hardware
<b>Operating Voltage</b>	10-30 VDC	<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/FBP-DN-0E.pdf>  
See store item page for other formats.