

# FBM-RN-0P-0A Cut Sheet



AchieVe photoelectric sensor, rectangular, polarized retroreflective, visible red, 0.02–5m sensing distance, selectable light-on/dark-on, PNP, potentiometer, 3-wire, pigtail.

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



<https://www.automationdirect.com/pn/FBM-RN-0P-0A>

## Technical Specifications

<b>Brand</b>	AchieVe
<b>Item</b>	Photoelectric sensor
<b>Shape</b>	Rectangular
<b>Housing Size</b>	20 x 11 x 32.4mm
<b>IP Rating</b>	IP67
<b>Application</b>	Standard duty
<b>Housing Material</b>	ABS/polycarbonate
<b>Sensing Method</b>	Polarized retroreflective
<b>Operating Voltage</b>	10–30 VDC
<b>Number of Wires</b>	3
<b>Switching Output</b>	PNP
<b>Sensing Distance</b>	0.02–5m

<b>Sensitivity</b>	Potentiometer
<b>Operation Mode</b>	Selectable light-on/dark-on
<b>Switching Frequency</b>	500 Hz
<b>Light Emission</b>	Visible red
<b>IO-Link Compatible</b>	No
<b>User Interface</b>	Potentiometer adjustment
<b>Cable Length</b>	6.5ft/2m
<b>Jacket Material</b>	PVC
<b>Connection</b>	Pigtail
<b>Conductor Size</b>	26 AWG
<b>Additional Information</b>	Purchase reflector 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/2d/FBM-RN-0P-0A.pdf>  
See store item page for other formats.