

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



AchieVe photoelectric sensor, rectangular, polarized retroreflective, visible red, 0.02–5m sensing distance, selectable light-on/dark-on, PNP, potentiometer, 3-wire, 4-pin M8 quick-disconnect.

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



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

## Technical Specifications

Brand	AchieVe
Item	Photoelectric sensor
Shape	Rectangular
Housing Size	20 x 11 x 32.4mm
IP Rating	IP67
Application	Standard duty
Housing Material	ABS/polycarbonate
Sensing Method	Polarized retroreflective
Operating Voltage	10–30 VDC
Number of Wires	3

Switching Output	PNP
Sensing Distance	0.02–5m
Sensitivity	Potentiometer
Operation Mode	Selectable light-on/dark-on
Switching Frequency	500 Hz
Light Emission	Visible red
IO-Link Compatible	No
User Interface	Potentiometer adjustment
Connection	4-pin M8 quick-disconnect
Additional Information	Purchase cable and reflector separately

## Agency Approvals

UL Listed File #	E328811
UL Recognized File #	None
UL Hazardous File #	None
CE	<a href="#">View CE declarations</a>
CSA File #	None
RoHS Status	Yes (See CE Doc)
EU REACH	<a href="#">View EU REACH document</a>

## Dimensional Drawings



2D Drawing PDF Link:  
<https://cdn.automationdirect.com/static/drawings/2d/FBM-RN-0P-0F.pdf>  
See store item page for other formats.