

FBM-RS-0N-0F Cut Sheet



AchieVe photoelectric sensor, rectangular, diffuse with background suppression, 2–400mm sensing distance, selectable light-on/dark-on, NPN, potentiometer, 1 kHz switching frequency, 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-RS-0N-0F>

Technical Specifications

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|-------------------|-------------------------------------|
| 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 | Diffuse with background suppression |
| Operating Voltage | 10–30 VDC |
| Number of Wires | 3 |

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|------------------------|-----------------------------|
| Switching Output | NPN |
| Sensing Distance | 2–400mm |
| Sensitivity | Potentiometer |
| Operation Mode | Selectable light-on/dark-on |
| Switching Frequency | 1 kHz |
| Light Emission | Visible red |
| IO-Link Compatible | No |
| User Interface | Potentiometer adjustment |
| Connection | 4-pin M8 quick-disconnect |
| Additional Information | Purchase cable separately |

Agency Approvals

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| UL Listed File # | E328811 |
| UL Recognized File # | None |
| UL Hazardous File # | None |
| CE | View CE declarations |
| CSA File # | None |
| RoHS Status | Yes (See CE Doc) |
| EU REACH | View EU REACH document |

Dimensional Drawings



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