

# FFIZ-BN-1E Cut Sheet



AutomationDirect photoelectric sensor, tubular, threaded, 316L stainless steel housing, through-beam receiver, 20m sensing distance, 10-30 VDC operating voltage, complementary light-on/dark-on, NPN, 4-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/FFIZ-BN-1E>

## Technical Specifications

|                         |   |                               |                                |
|-------------------------|---|-------------------------------|--------------------------------|
| <b>Brand</b>            | AutomationDirect                                | <b>Operating Voltage</b>      | 10-30 VDC                      |
| <b>Item</b>             | Photoelectric sensor                            | <b>Number of Wires</b>        | 4                              |
| <b>Shape</b>            | Tubular   | <b>Switching Output</b>       | NPN                            |
| <b>Barrel Type</b>      | Threaded  | <b>Sensing Distance</b>       | 20m                            |
| <b>Housing Size</b>     | 18mm diameter x 82.5mm body                     | <b>Operation Mode</b>         | Complementary light-on/dark-on |
| <b>IP Rating</b>        | IP69K   | <b>Switching Frequency</b>    | 250 Hz                         |
| <b>Application</b>      | For harsh duty / food and beverage applications | <b>Connection</b>             | 4-pin M12 quick-disconnect     |
| <b>Housing Material</b> | 316L stainless steel                            | <b>Includes</b>               | Mounting hardware              |
| <b>Sensing Method</b>   | Through-beam receiver                           | <b>Additional Information</b> | Purchase cable separately      |

## Agency Approvals

|                             |  |
|-----------------------------|--|
| <b>UL Listed File #</b>     | E187310                                |
| <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/FFIZ-BN-1E.pdf>  
See store item page for other formats.