

# FARS-BN-0A Cut Sheet



AutomationDirect photoelectric sensor, tubular, threaded, plastic, diffuse with background suppression, 30-130mm sensing distance, complementary light-on/dark-on, NPN, potentiometer, 1 kHz switching frequency, 6.5ft/2m cable length, pigtail.

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



<https://www.automationdirect.com/pn/FARS-BN-0A>

## Technical Specifications

|                          |                                     |                            |                                |
|--------------------------|-------------------------------------|----------------------------|--------------------------------|
| <b>Brand</b>             | AutomationDirect                    | <b>Switching Output</b>    | NPN                            |
| <b>Item</b>              | Photoelectric sensor                | <b>Sensing Distance</b>    | 30-130mm                       |
| <b>Shape</b>             | Tubular                             | <b>Sensitivity</b>         | Potentiometer                  |
| <b>Barrel Type</b>       | Threaded                            | <b>Operation Mode</b>      | Complementary light-on/dark-on |
| <b>Housing Size</b>      | 18mm diameter x 60.1mm body         | <b>Switching Frequency</b> | 1 kHz                          |
| <b>IP Rating</b>         | IP67                                | <b>Light Emission</b>      | Visible red                    |
| <b>Housing Material</b>  | Plastic                             | <b>Cable Length</b>        | 6.5ft/2m                       |
| <b>Sensing Method</b>    | Diffuse with background suppression | <b>Connection</b>          | Pigtail                        |
| <b>Operating Voltage</b> | 10-30 VDC                           | <b>Conductor Size</b>      | 22 AWG                         |
| <b>Number of Wires</b>   | 4                                   | <b>Includes</b>            | Mounting hardware              |

## 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>RoHS Status</b>          | Yes (See CE Doc)                       |
| <b>EU REACH</b>             | <a href="#">View EU REACH document</a> |