

# 1451E-6547 Cut Sheet



Eaton photoelectric sensor, rectangular, polarized retroreflective, visible red, 16ft sensing distance, selectable light-on/dark-on, NPN/PNP, potentiometer, 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/1451E-6547>

## Technical Specifications

|                                  |                           |
|----------------------------------|---------------------------|
| <b>Brand</b>                     | Eaton                     |
| <b>Item</b>                      | Photoelectric sensor      |
| <b>Shape</b>                     | Rectangular               |
| <b>Housing Size</b>              | 73 x 48.5 x 46mm          |
| <b>Thread mounting base size</b> | 30mm                      |
| <b>IP Rating</b>                 | IP67                      |
| <b>Housing Material</b>          | Plastic                   |
| <b>Sensing Method</b>            | Polarized retroreflective |
| <b>Operating Voltage</b>         | 10-40 VDC                 |
| <b>Number of Wires</b>           | 4                         |

|                               |                             |
|-------------------------------|-----------------------------|
| <b>Switching Output</b>       | NPN/PNP                     |
| <b>Sensing Distance</b>       | 16ft                        |
| <b>Sensitivity</b>            | Potentiometer               |
| <b>Operation Mode</b>         | Selectable light-on/dark-on |
| <b>Switching Frequency</b>    | 500 Hz                      |
| <b>Light Emission (NP)</b>    | Visible red                 |
| <b>Connection</b>             | 4-pin M12 quick-disconnect  |
| <b>Includes</b>               | Mounting hardware           |
| <b>Additional Information</b> | Purchase cable separately   |

## Agency Approvals

|                             |  |
|-----------------------------|--|
| <b>UL Listed File #</b>     | None                                   |
| <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> |