

# FW3-LN-2E Cut Sheet



Photoelectric sensor, rectangular, diffuse with background suppression, visible red light emission, 0-600mm sensing distance, light-on, NPN, 300 Hz switching frequency, metal housing, 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/FW3-LN-2E>

## Technical Specifications

|                           |                                     |
|---------------------------|-------------------------------------|
| Item                      | Photoelectric sensor                |
| Shape                     | Rectangular                         |
| Housing Size              | 74.6 x 38 x 43mm                    |
| Thread mounting base size | 30mm                                |
| IP Rating                 | IP67                                |
| Housing Material          | Metal                               |
| Sensing Method            | Diffuse with background suppression |
| Operating Voltage         | 10-30 VDC                           |
| Number of Wires           | 3                                   |

|                        |                            |
|------------------------|----------------------------|
| Switching Output       | NPN                        |
| Sensing Distance       | 0-600mm                    |
| Operation Mode         | Light-on                   |
| Switching Frequency    | 300 Hz                     |
| Light Emission         | Visible red                |
| Connection             | 4-pin M12 quick-disconnect |
| Includes               | Mounting hardware          |
| Additional Information | Purchase cable 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/FW3-LN-2E.pdf>  
See store item page for other formats.