

# OPT2007 Cut Sheet



Wenglor photoelectric sensor, square, polycarbonate, diffuse with background suppression, 60-660mm sensing distance, complementary light-on/dark-on, NPN/PNP, teach-in button, 100 Hz switching frequency, 5-pin M12 quick-disconnect.

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



<https://www.automationdirect.com/pn/OPT2007>

## Technical Specifications

|                   |                                     |
|-------------------|-------------------------------------|
| Brand             | Wenglor                             |
| Item              | Photoelectric sensor                |
| Shape             | Square                              |
| Housing Size      | 50 x 50 x 20mm                      |
| IP Rating         | IP68                                |
| Housing Material  | Polycarbonate                       |
| Sensing Method    | Diffuse with background suppression |
| Operating Voltage | 10-30 VDC                           |
| Switching Output  | NPN/PNP                             |

|                        |                                |
|------------------------|--------------------------------|
| Sensing Distance       | 60-660mm                       |
| Sensitivity            | Teach-in button                |
| Operation Mode         | Complementary light-on/dark-on |
| Switching Frequency    | 100 Hz                         |
| Light Emission         | Class 1 laser                  |
| User Interface         | Pushbutton user interface      |
| Connection             | 5-pin M12 quick-disconnect     |
| Includes               | Mounting hardware              |
| Additional Information | Purchase cable separately      |

## Agency Approvals

|                      |  |
|----------------------|--|
| UL Listed File #     | E189727                                |
| 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/OPT2007.pdf>  
See store item page for other formats.