

# OPT2513 Cut Sheet



Wenglor photoelectric sensor, square, diffuse, Class 2 blue laser, 60-660mm sensing distance, (2) PNP, teach-in button, 650 Hz switching frequency, aluminum housing, 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/OPT2513>

## Technical Specifications

|                    |   |
|--------------------|---|
| Brand              | Wenglor                                       |
| Item               | Photoelectric sensor                          |
| Shape              | Square  |
| Housing Size       | 50 x 50 x 20mm                                |
| IP Rating          | IP67  |
| Application        | Laser, measurement, standard duty and IO-Link |
| Housing Material   | Aluminum                                      |
| Sensing Method     | Diffuse                                       |
| Sensing Technology | Triangulation                                 |
| Sensor Type        | Distance measuring                            |
| Operating Voltage  | 18-30 VDC                                     |
| Number of Wires    | 5   |
| Switching Output   | (2) PNP                                       |
| Sensing Distance   | 60-660mm                                      |

|   |   |
|---|---|
| Sensitivity                               | Teach-in button                         |
| Switching Frequency                       | 650 Hz                                  |
| Light Emission                            | Class 2 blue laser                      |
| IO-Link Compatible                        | Yes                                     |
| User Interface                            | Pushbutton user interface               |
| Connection                                | 5-pin M12 quick-disconnect              |
| Communication Port and Connection Type(s) | (1) 5-pin M12 A-coded (IO-Link) port(s) |
| Port Protocol(s)                          | IO-Link Class A Device                  |
| Port Speed(s)                             | IO-Link COM3                            |
| IO-Link Version                           | IO-Link v1.1                            |
| Standard I/O Mode Supported               | Yes                                     |
| Includes                                  | Mounting hardware                       |
| Additional Information                    | Purchase cable separately               |

## Agency Approvals

|                      |  |
|----------------------|--|
| UL Listed File #     | NRKH.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/2d/OPT2513.pdf>  
See store item page for other formats.