

OPT2013 Cut Sheet



Wenglor photoelectric sensor, rectangular, diffuse, Class 2 red laser, 0.1-10.1m sensing distance, selectable light-on/dark-on, NPN/PNP, teach-in button, 50 Hz switching frequency, polycarbonate housing, 8-pin M12 quick-disconnect.

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



<https://www.automationdirect.com/pn/OPT2013>

Technical Specifications

Brand	Wenglor
Item	Photoelectric sensor
Shape	Rectangular
Housing Size	81 x 55 x 30mm
IP Rating	IP68
Housing Material	Polycarbonate
Sensing Method	Diffuse
Sensing Technology	Time of Flight technology
Sensor Type	Distance measuring
Operating Voltage	18-30 VDC
Switching Output	NPN/PNP

Analog Output	0-10 VDC or 4-20 mA
Sensing Distance	0.1-10.1m
Sensitivity	Teach-in button
Operation Mode	Selectable light-on/dark-on
Switching Frequency	50 Hz
Measuring Rate	1-100/s
Light Emission (NP)	Class 2 red laser
User Interface	Pushbutton user interface with display
Connection	8-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	View CE declarations
CSA File #	None
RoHS Status	Yes (See CE Doc)
EU REACH	View EU REACH document

Dimensional Drawings



2D Drawing PDF Link:
<https://cdn.automationdirect.com/static/drawings/OPT2013.pdf>
See store item page for other formats.