OPT2177 Cut Sheet

AUTOMATIONDIRECT.com
www.automationdirect.com



Wenglor photoelectric sensor, square, diffuse, Class 1 red laser, 0–10m sensing distance, selectable light-on/dark-on, PNP, 50 x 54 x 20mm, ABS plastic, 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/OPT2177

Technical Specifications

Brand	Wenglor
Item	Photoelectric sensor
Shape	Square
IP Rating	IP67 IP68
Application	Laser, measurement, standard duty, dark and shiny, IO-Link and analog output
Housing Size	50 x 54 x 20mm
Housing Material	ABS plastic
Sensing Method	Diffuse
Sensing Technology	Time of Flight technology
Operating Voltage	18–30 VDC
Switching Output	PNP
Analog Output	0–10 VDC
Sensing Distance	0–10m
Operation Mode	Selectable light-on/dark-on

Measuring Rate	100/s
Light Emission	Class 1 red laser
IO-Link Compatible	Yes
Sensitivity	Yes
User Interface	Pushbutton user interface with display
Connection	5-pin M12 quick-disconnect
Number of Wires	5
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 v1.1.3
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/2d/OPT2177.pdf
See store item page for other formats.