

OPT2151 Cut Sheet



Wenglor photoelectric sensor, square, plastic, diffuse with background suppression, 50-400mm sensing distance, complementary light-on/dark-on, PNP, potentiometer, 800 Hz switching frequency, 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/OPT2151>

Technical Specifications

Brand	Wenglor
Item	Photoelectric sensor
Shape	Square
Housing Size	50 x 50 x 20mm
IP Rating	IP67 IP68
Housing Material	Plastic
Sensing Method	Diffuse with background suppression
Sensing Technology	Shiny object detection
Operating Voltage	15-30 VDC
Number of Wires	4
Switching Output	PNP
Sensing Distance	50-400mm
Sensitivity	Potentiometer
Operation Mode	Complementary light-on/dark-on

Switching Frequency	800 Hz
Light Emission	Blue
IO-Link Compatible	Yes
Connection	4-pin M12 quick-disconnect
Communication Port and Connection Type(s)	(1) 4-pin M12 A-coded (IO-Link) port(s)
Port Protocol(s)	IO-Link Class A Device
Port Speed(s)	IO-Link COM2
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 #	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/OPT2151.pdf>
See store item page for other formats.