

OPT2171 Cut Sheet



Wenglor photoelectric sensor, square, plastic, diffuse with background suppression, 0-3m sensing distance, complementary light-on/dark-on, NPN, teach-in button, 500 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/OPT2171>

Technical Specifications

Brand	Wenglor
Item	Photoelectric sensor
Shape	Square
Housing Size	50 x 50 x 20mm
IP Rating	IP68
Housing Material	Plastic
Sensing Method	Diffuse with background suppression
Sensing Technology	Time of Flight technology
Operating Voltage	10-30 VDC
Switching Output	NPN
Sensing Distance	0-3m
Sensitivity	Teach-in button
Operation Mode	Complementary light-on/dark-on
Switching Frequency	500 Hz

Light Emission	Class 1 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 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/OPT2171.pdf>
See store item page for other formats.