

# OPT2140 Cut Sheet



Wenglor photoelectric sensor, square, retroreflective, visible red, 0-2.6m sensing distance, complementary light-on/dark-on, NPN, potentiometer, 4-wire, 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/OPT2140>

## 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	Retroreflective
Sensing Technology	Clear object detection
Operating Voltage	10-30 VDC
Number of Wires	4
Switching Output	NPN
Sensing Distance	0-2.6m
Sensitivity	Potentiometer
Operation Mode	Complementary light-on/dark-on

Switching Frequency	2000 Hz
Light Emission (NP)	Visible red
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
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/OPT2140.pdf>  
See store item page for other formats.