

# C18R-0P-1A Cut Sheet



AutomationDirect photoelectric sensor, tubular, threaded, metal housing, through-beam receiver, 6m sensing distance, 10-36 VDC operating voltage, complementary light-on/dark-on, PNP, 4-wire, pigtail.

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



<https://www.automationdirect.com/pn/C18R-0P-1A>

## Technical Specifications

<b>Brand</b>	AutomationDirect
<b>Item</b>	Photoelectric sensor
<b>Shape</b>	Tubular
<b>Barrel Type</b>	Threaded
<b>Housing Size</b>	18mm diameter x 50mm body
<b>IP Rating</b>	IP67
<b>Housing Material</b>	Metal
<b>Sensing Method</b>	Through-beam receiver
<b>Operating Voltage</b>	10-36 VDC

<b>Number of Wires</b>	4
<b>Switching Output</b>	PNP
<b>Sensing Distance</b>	6m
<b>Operation Mode</b>	Complementary light-on/dark-on
<b>Switching Frequency</b>	1 kHz
<b>Cable Length</b>	6.5ft/2m
<b>Connection</b>	Pigtail
<b>Conductor Size</b>	24 AWG
<b>Includes</b>	Mounting hardware

## Agency Approvals

<b>UL Listed File #</b>	E328811
<b>UL Recognized File #</b>	None
<b>UL Hazardous File #</b>	None
<b>CE</b>	<a href="#">View CE declarations</a>
<b>RoHS Status</b>	Yes (See CE Doc)
<b>EU REACH</b>	<a href="#">View EU REACH document</a>

## Dimensional Drawings



2D Drawing PDF Link:  
<https://cdn.automationdirect.com/static/drawings/C18R-0P-1A.pdf>  
See store item page for other formats.