

# C18R-0N-2E Cut Sheet



AutomationDirect photoelectric sensor, tubular, threaded, metal housing, through-beam receiver, right-angle lens, 6m sensing distance, 10-36 VDC operating voltage, complementary light-on/dark-on, NPN, 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/C18R-0N-2E>

## Technical Specifications

Brand	AutomationDirect
Item	Photoelectric sensor
Shape	Tubular
Barrel Type	Threaded
Housing Size	18mm diameter x 61.5mm body
IP Rating	IP67
Housing Material	Metal
Sensing Method	Through-beam receiver
Head Angle	Right-angle lens

Operating Voltage	10-36 VDC
Number of Wires	4
Switching Output	NPN
Sensing Distance	6m
Operation Mode	Complementary light-on/dark-on
Switching Frequency	1 kHz
Connection	4-pin M12 quick-disconnect
Includes	Mounting hardware
Additional Information	Purchase cable separately

## Agency Approvals

UL Listed File #	E328811
UL Recognized File #	None
UL Hazardous File #	None
CE	<a href="#">View CE declarations</a>
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/C18R-0N-2E.pdf>  
See store item page for other formats.