

C18R-0P-2A 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, 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-2A>

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 |

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

Agency Approvals

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|----------------------|--|
| UL Listed File # | E328811 |
| UL Recognized File # | None |
| UL Hazardous File # | None |
| CE | View CE declarations |
| RoHS Status | Yes (See CE Doc) |
| EU REACH | View EU REACH document |

Dimensional Drawings



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