

UK1F-G6-0E Cut Sheet



Micro Detectors ultrasonic proximity sensor, tubular, 18 mm diameter x 91.6 mm body, polybutylene terephthalate housing, diffuse, PNP, 4–20 mA analog output, N.O./N.C. selectable output, 200–2200 mm sensing distance, IP67, 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/UK1F-G6-0E>

Technical Specifications

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|-------------------------|-------------------------------|
| Brand | Micro Detectors |
| Item | Proximity sensor |
| Sensor Type | Ultrasonic |
| Shape | Tubular |
| Housing Size | 18 mm diameter x 91.6 mm body |
| Housing Material | Polybutylene terephthalate |
| Barrel Type | Threaded |
| Sensing Method | Diffuse |
| Adjustable | Yes |
| Number of Wires | 5 |

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|----------------------------|-----------------------------|
| Switching Output | PNP |
| Analog Output | 4–20 mA |
| Operation Mode | N.O./N.C. selectable output |
| Sensing Distance | 200–2200 mm |
| IO-Link Compatible | No |
| Switching Frequency | 2 Hz |
| Operating Voltage | 10–30 VDC |
| IP Rating | IP67 |
| Connection | 5-pin M12 quick-disconnect |
| Includes | Mounting hardware |

Agency Approvals

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| UL Listed File # | E187310 |
| 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/UK1F-G6-0E.pdf>
See store item page for other formats.