

# UK1F-G6-0E Cut Sheet



Micro Detectors ultrasonic proximity sensor, tubular, 18mm diameter x 91.6mm body, polybutylene terephthalate housing, PNP, 4-20 mA analog output, N.O./N.C. selectable output, 200-2200mm sensing distance, 2 Hz switching frequency, 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

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

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

## Agency Approvals

<b>UL Listed File #</b>	E187310
<b>UL Recognized File #</b>	None
<b>UL Hazardous File #</b>	None
<b>CE</b>	<a href="#">View CE declarations</a>
<b>CSA File #</b>	None
<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/UK1F-G6-0E.pdf>  
See store item page for other formats.