

# UT1B-G7-0E Cut Sheet



Micro Detectors ultrasonic proximity sensor, tubular, 30mm diameter x 98.8mm body, polybutylene terephthalate housing, PNP, 0-10 VDC analog output, N.O./N.C. selectable output, 250-3500mm sensing distance, 1 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/UT1B-G7-0E>

## 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>     | 30mm diameter x 98.8mm 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>       | 0-10 VDC                    |
| <b>Operation Mode</b>      | N.O./N.C. selectable output |
| <b>Sensing Distance</b>    | 250-3500mm                  |
| <b>IO-Link Compatible</b>  | No                          |
| <b>Switching Frequency</b> | 1 Hz                        |
| <b>Operating Voltage</b>   | 10-30 VDC                   |
| <b>IP Rating</b>           | IP67                        |
| <b>Connection</b>          | 5-pin M12 quick-disconnect  |
| <b>Cable Length</b>        | 6.5ft/2m                    |
| <b>Jacket Material</b>     | PVC                         |
| <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/UT1B-G7-0E.pdf>  
See store item page for other formats.