

# UK6C-DP-0A Cut Sheet



Micro Detectors ultrasonic proximity sensor, tubular, 18mm diameter x 54.9mm body, polybutylene terephthalate housing, PNP, N.O./N.C. selectable output, 60-800mm sensing distance, 6 Hz switching frequency, IP67, pigtail.

For complete product information, please see this item on our store at the following link:



<https://www.automationdirect.com/pn/UK6C-DP-0A>

## Technical Specifications

|                         |                             |
|-------------------------|-----------------------------|
| <b>Brand</b>            | Micro Detectors             |
| <b>Item</b>             | Proximity sensor            |
| <b>Sensor Type</b>      | Ultrasonic                  |
| <b>Application</b>      | Standard duty               |
| <b>Shape</b>            | Tubular                     |
| <b>Housing Size</b>     | 18mm diameter x 54.9mm body |
| <b>Housing Material</b> | Polybutylene terephthalate  |
| <b>Barrel Type</b>      | Threaded                    |
| <b>Sensing Method</b>   | Diffuse                     |
| <b>Adjustable</b>       | No                          |
| <b>Number of Wires</b>  | 4                           |
| <b>Switching Output</b> | PNP                         |

|                              |                             |
|------------------------------|-----------------------------|
| <b>Operation Mode</b>        | N.O./N.C. selectable output |
| <b>Sensing Distance</b>      | 60-800mm                    |
| <b>Switching Frequency</b>   | 6 Hz                        |
| <b>Operating Voltage</b>     | 10-30 VDC                   |
| <b>Operating Temperature</b> | -20 to 60 deg C             |
| <b>Weld Field Immune</b>     | No                          |
| <b>Chip Immune</b>           | No                          |
| <b>IP Rating</b>             | IP67                        |
| <b>Connection</b>            | Pigtail                     |
| <b>Conductor Size</b>        | 22 AWG                      |
| <b>Cable Length</b>          | 6.5ft/2m                    |
| <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/UK6C-DP-0A.pdf>  
See store item page for other formats.