

# US30M3000G3-B4 Cut Sheet



di-soric ultrasonic proximity sensor, tubular, 30mm diameter x 60mm body, nickel plated brass housing, diffuse, push-pull NPN or PNP, N.O./N.C. selectable output, 300–3000mm sensing distance, IP67, 4-pin M12 quick-disconnect, IO-Link v1.1.

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



<https://www.automationdirect.com/pn/US30M3000G3-B4>

## Technical Specifications

|                            |                             |
|----------------------------|-----------------------------|
| <b>Brand</b>               | di-soric                    |
| <b>Item</b>                | Proximity sensor            |
| <b>Sensor Type</b>         | Ultrasonic                  |
| <b>Application</b>         | Standard duty and IO-Link   |
| <b>Shape</b>               | Tubular                     |
| <b>Housing Size</b>        | 30mm diameter x 60mm body   |
| <b>Housing Material</b>    | Nickel-plated brass         |
| <b>Barrel Type</b>         | Threaded                    |
| <b>Sensing Method</b>      | Diffuse                     |
| <b>Adjustable</b>          | No                          |
| <b>Number of Wires</b>     | 4                           |
| <b>Switching Output</b>    | Push-pull NPN or PNP        |
| <b>Operation Mode</b>      | N.O./N.C. selectable output |
| <b>Sensing Distance</b>    | 300–3000mm                  |
| <b>Switching Frequency</b> | 3 Hz                        |

|  |   |
|--|---|
| <b>Operating Voltage</b>                         | 18–30 VDC                               |
| <b>Operating Temperature</b>                     | -25 to +70 °C                           |
| <b>Weld Field Immune</b>                         | No                                      |
| <b>Chip Immune</b>                               | No                                      |
| <b>IP Rating</b>                                 | IP67                                    |
| <b>Connection</b>                                | 4-pin M12 quick-disconnect              |
| <b>IO-Link Compatible</b>                        | Yes                                     |
| <b>Communication Port and Connection Type(s)</b> | (1) 4-pin M12 A-coded (IO-Link) port(s) |
| <b>Port Protocol(s)</b>                          | IO-Link Class A Device                  |
| <b>Port Speed(s)</b>                             | IO-Link COM2                            |
| <b>IO-Link Version</b>                           | IO-Link v1.1                            |
| <b>Standard I/O Mode Supported</b>               | Yes                                     |
| <b>Includes</b>                                  | Mounting hardware                       |

## Agency Approvals

|                             |  |
|-----------------------------|--|
| <b>UL Listed File #</b>     | E303138                                |
| <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/2d/US30M3000G3-B4.pdf>  
See store item page for other formats.