

# DW-AS-603-M12 Cut Sheet



Contrinex inductive proximity sensor, tubular, 12mm diameter x 60mm body, nickel-plated brass housing, PNP, N.O. output, 2mm sensing distance, flush, 3 kHz switching frequency, IP67, 4-pin M12 quick-disconnect.

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



<https://www.automationdirect.com/pn/DW-AS-603-M12>

## Technical Specifications

|                           |                           |
|---------------------------|---------------------------|
| <b>Brand</b>              | Contrinex                 |
| <b>Item</b>               | Proximity sensor          |
| <b>Sensor Type</b>        | Inductive                 |
| <b>Application</b>        | Standard duty             |
| <b>Shape</b>              | Tubular                   |
| <b>Housing Size</b>       | 12mm diameter x 60mm body |
| <b>Housing Material</b>   | Nickel-plated brass       |
| <b>Barrel Type</b>        | Threaded                  |
| <b>Sensing Method</b>     | Standard sensing          |
| <b>Adjustable</b>         | No                        |
| <b>Number of Wires</b>    | 3                         |
| <b>Switching Output</b>   | PNP                       |
| <b>Operation Mode</b>     | N.O. output               |
| <b>Sensing Distance</b>   | 2mm                       |
| <b>Mounting Type</b>      | Flush                     |
| <b>IO-Link Compatible</b> | Yes                       |

|  |   |
|--|---|
| <b>Switching Frequency</b>                       | 3 kHz                                   |
| <b>Operating Voltage</b>                         | 10-30 VDC                               |
| <b>Operating Temperature</b>                     | -25 to 70c                              |
| <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>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 v1.0                            |
| <b>Standard I/O Mode Supported</b>               | Yes                                     |
| <b>Includes</b>                                  | Mounting hardware                       |
| <b>Additional Information</b>                    | Purchase cable separately               |

## Agency Approvals

|                             |  |
|-----------------------------|--|
| <b>UL Listed File #</b>     | E239373                                |
| <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/DW-AS-603-M12.pdf>  
See store item page for other formats.