

# AM1-AN-2A Cut Sheet



Micro Detectors inductive proximity sensor, tubular, 12mm diameter x 50mm body, nickel-plated brass housing, NPN, N.O. output, 4mm sensing distance, non-flush, 2 kHz switching frequency, IP67, pigtail.

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



<https://www.automationdirect.com/pn/AM1-AN-2A>

## Technical Specifications

|                         |                           |
|-------------------------|---------------------------|
| <b>Brand</b>            | Micro Detectors           |
| <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 50mm 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> | NPN                       |
| <b>Operation Mode</b>   | N.O. output               |

|                              |                   |
|------------------------------|-------------------|
| <b>Sensing Distance</b>      | 4mm               |
| <b>Mounting Type</b>         | Non-flush         |
| <b>IO-Link Compatible</b>    | No                |
| <b>Switching Frequency</b>   | 2 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>            | Pigtail           |
| <b>Conductor Size</b>        | 24 AWG            |
| <b>Cable Length</b>          | 6.5ft/2m          |
| <b>Includes</b>              | Mounting hardware |

## Agency Approvals

|                             |  |
|-----------------------------|--|
| <b>UL Listed File #</b>     | Not Applicable                         |
| <b>UL Recognized File #</b> | E130644                                |
| <b>UL Hazardous File #</b>  | Not Applicable                         |
| <b>CE</b>                   | <a href="#">View CE declarations</a>   |
| <b>RoHS Status</b>          | Yes (See CE Doc)                       |
| <b>EU REACH</b>             | <a href="#">View EU REACH document</a> |