

# AE1-AP-2H Cut Sheet



Micro Detectors inductive proximity sensor, tubular, 8mm diameter x 60mm body, nickel-plated brass housing, PNP, N.O. output, 2.5mm sensing distance, non-flush, 2.5 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/AE1-AP-2H>

## Technical Specifications

|                  |                          |
|------------------|--------------------------|
| Brand            | Micro Detectors          |
| Item             | Proximity sensor         |
| Sensor Type      | Inductive                |
| Application      | Standard duty            |
| Shape            | Tubular                  |
| Housing Size     | 8mm diameter x 60mm body |
| Housing Material | Nickel-plated brass      |
| Barrel Type      | Threaded                 |
| Sensing Method   | Standard sensing         |
| Adjustable       | No                       |
| Number of Wires  | 3                        |
| Switching Output | PNP                      |
| Operation Mode   | N.O. output              |

|                        |                            |
|------------------------|----------------------------|
| Sensing Distance       | 2.5mm                      |
| Mounting Type          | Non-flush                  |
| IO-Link Compatible     | No                         |
| Switching Frequency    | 2.5 kHz                    |
| Operating Voltage      | 10-30 VDC                  |
| Operating Temperature  | -25 to 70c                 |
| Weld Field Immune      | No                         |
| Chip Immune            | No                         |
| IP Rating              | IP67                       |
| Connection             | 4-pin M12 quick-disconnect |
| Includes               | Mounting hardware          |
| Additional Information | Purchase cable separately  |

## Agency Approvals

|                      |  |
|----------------------|--|
| UL Listed File #     | None                                   |
| UL Recognized File # | E130644                                |
| UL Hazardous File #  | None                                   |
| CE                   | <a href="#">View CE declarations</a>   |
| RoHS Status          | Yes (See CE Doc)                       |
| EU REACH             | <a href="#">View EU REACH document</a> |

## Dimensional Drawings



2D Drawing PDF Link:  
<https://cdn.automationdirect.com/static/drawings/AE1-AP-2H.pdf>  
See store item page for other formats.