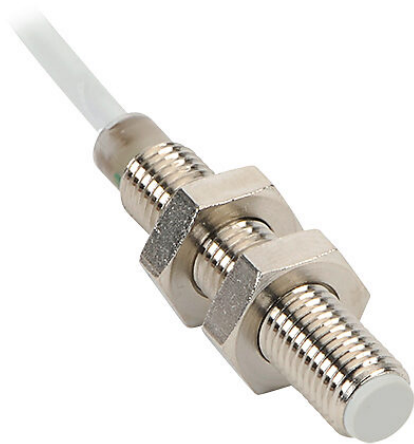


# AE1-AP-1A Cut Sheet



Micro Detectors inductive proximity sensor, tubular, 8mm diameter x 45mm body, nickel-plated brass housing, PNP, N.O. output, 1.5mm sensing distance, flush, 3 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/AE1-AP-1A>

## Technical Specifications

|                  |                          |
|------------------|--------------------------|
| Brand            | Micro Detectors          |
| Item             | Proximity sensor         |
| Sensor Type      | Inductive                |
| Application      | Standard duty            |
| Shape            | Tubular                  |
| Housing Size     | 8mm diameter x 45mm 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      | 1.5mm             |
| Mounting Type         | Flush             |
| IO-Link Compatible    | No                |
| Switching Frequency   | 3 kHz             |
| Operating Voltage     | 10-30 VDC         |
| Operating Temperature | -25 to 70c        |
| Weld Field Immune     | No                |
| Chip Immune           | No                |
| IP Rating             | IP67              |
| Connection            | Pigtail           |
| Conductor Size        | 26 AWG            |
| Cable Length          | 6.5ft/2m          |
| Includes              | Mounting hardware |

## 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-1A.pdf>  
See store item page for other formats.