

AE6-AP-3F Cut Sheet



Micro Detectors inductive proximity sensor, tubular, 8mm diameter x 40mm body, nickel-plated brass housing, PNP, N.O. output, 2mm sensing distance, flush, 3 kHz switching frequency, IP67, 3-pin M8 quick-disconnect.

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



<https://www.automationdirect.com/pn/AE6-AP-3F>

Technical Specifications

| | |
|------------------|--------------------------|
| Brand | Micro Detectors |
| Item | Proximity sensor |
| Sensor Type | Inductive |
| Application | Standard duty |
| Shape | Tubular |
| Housing Size | 8mm diameter x 40mm body |
| Housing Material | Nickel-plated brass |
| Barrel Type | Threaded |
| Sensing Method | Extended sensing |
| Adjustable | No |
| Number of Wires | 3 |
| Switching Output | PNP |
| Operation Mode | N.O. output |

| | |
|------------------------|---------------------------|
| Sensing Distance | 2mm |
| 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 | 3-pin M8 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 | View CE declarations |
| RoHS Status | Yes (See CE Doc) |
| EU REACH | View EU REACH document |

Dimensional Drawings



2D Drawing PDF Link:
<https://cdn.automationdirect.com/static/drawings/AE6-AP-3F.pdf>
See store item page for other formats.