

AK1-AN-3H Cut Sheet



Micro Detectors inductive proximity sensor, tubular, 18mm diameter x 64mm body, nickel-plated brass housing, NPN, N.O. output, 8mm sensing distance, flush, 300 Hz 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/AK1-AN-3H>

Technical Specifications

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|-------------------------|---------------------------|-------------------------------|----------------------------|
| Brand | Micro Detectors | Sensing Distance | 8mm |
| Item | Proximity sensor | Mounting Type | Flush |
| Sensor Type | Inductive | IO-Link Compatible | No |
| Application | Standard duty | Switching Frequency | 300 Hz |
| Shape | Tubular | Operating Voltage | 10-30 VDC |
| Housing Size | 18mm diameter x 64mm body | Operating Temperature | -25 to 70c |
| Housing Material | Nickel-plated brass | Weld Field Immune | No |
| Barrel Type | Threaded | Chip Immune | No |
| Sensing Method | Extended sensing | IP Rating | IP67 |
| Adjustable | No | Connection | 4-pin M12 quick-disconnect |
| Number of Wires | 3 | Includes | Mounting hardware |
| Switching Output | NPN | Additional Information | Purchase cable separately |
| Operation Mode | N.O. output | | |

Agency Approvals

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| 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 |