

PY3-AN-3A Cut Sheet



AutomationDirect inductive proximity sensor, tubular, 3mm diameter x 22mm body, stainless steel housing, NPN, N.O. output, 1mm 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/PY3-AN-3A>

Technical Specifications

| | |
|-------------------------|-------------------------------|
| Brand | AutomationDirect |
| Item | Proximity sensor |
| Sensor Type | Inductive |
| Application | Standard duty and small space |
| Shape | Tubular |
| Housing Size | 3mm diameter x 22mm body |
| Housing Material | Stainless steel |
| Barrel Type | Smooth |
| Sensing Method | Extended sensing |
| Adjustable | No |
| Number of Wires | 3 |
| Switching Output | NPN |
| Operation Mode | N.O. output |

| | |
|------------------------------|------------|
| Sensing Distance | 1mm |
| 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 | 30 AWG |
| Cable Length | 6.5ft/2m |

Agency Approvals

| | |
|-----------------------------|--|
| UL Listed File # | E328811 |
| UL Recognized File # | None |
| UL Hazardous File # | None |
| CE | View CE declarations |
| RoHS Status | Yes (See CE Doc) |
| EU REACH | View EU REACH document |