

US18M1500IU-B4 Cut Sheet



di-soric ultrasonic proximity sensor, tubular, 18mm diameter x 55.5mm body, nickel plated brass housing, diffuse, 0–10 VDC or 4–20 mA analog output, 150–1500mm sensing distance, IP67, 4-pin M12 quick-disconnect, IO-Link v1.1.

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



<https://www.automationdirect.com/pn/US18M1500IU-B4>

Technical Specifications

| | |
|----------------------------|--|
| Brand | di-soric |
| Item | Proximity sensor |
| Sensor Type | Ultrasonic |
| Application | Standard duty, analog output and IO-Link |
| Shape | Tubular |
| Housing Size | 18mm diameter x 55.5mm body |
| Housing Material | Nickel-plated brass |
| Barrel Type | Threaded |
| Sensing Method | Diffuse |
| Adjustable | No |
| Number of Wires | 4 |
| Analog Output | 0–10 VDC or 4–20 mA |
| Sensing Distance | 150–1500mm |
| Switching Frequency | 5 Hz |

| | |
|--|---|
| Operating Voltage | 18–30 VDC |
| Operating Temperature | -25 to +70 °C |
| Weld Field Immune | No |
| Chip Immune | No |
| IP Rating | IP67 |
| Connection | 4-pin M12 quick-disconnect |
| IO-Link Compatible | Yes |
| Communication Port and Connection Type(s) | (1) 4-pin M12 A-coded (IO-Link) port(s) |
| Port Protocol(s) | IO-Link Class A Device |
| Port Speed(s) | IO-Link COM2 |
| IO-Link Version | IO-Link v1.1 |
| Standard I/O Mode Supported | Yes |
| Includes | Mounting hardware |

Agency Approvals

| | |
|-----------------------------|--|
| UL Listed File # | E303138 |
| UL Recognized File # | None |
| UL Hazardous File # | None |
| CE | View CE declarations |
| CSA File # | None |
| RoHS Status | Yes (See CE Doc) |
| EU REACH | View EU REACH document |

Dimensional Drawings



2D Drawing PDF Link:
<https://cdn.automationdirect.com/static/drawings/2d/US18M1500IU-B4.pdf>
See store item page for other formats.