# US12M200G3-B4 Cut Sheet

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di-soric ultrasonic proximity sensor, tubular, 12mm diameter x 65mm body, nickel plated brass housing, diffuse, push-pull NPN or PNP, N.O./N.C. selectable output, 20–200mm 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/US12M200G3-B4

## Technical Specifications

| | |
|---|---|
| **Brand** | di-soric |
| **Item** | Proximity sensor |
| **Sensor Type** | Ultrasonic |
| **Application** | Standard duty and IO-Link |
| **Shape** | Tubular |
| **Housing Size** | 12mm diameter x 65mm body |
| **Housing Material** | Nickel-plated brass |
| **Barrel Type** | Threaded |
| **Sensing Method** | Diffuse |
| **Adjustable** | No |
| **Number of Wires** | 4 |
| **Switching Output** | Push-pull NPN or PNP |
| **Operation Mode** | N.O./N.C. selectable output |
| **Sensing Distance** | 20–200mm |
| **Switching Frequency** | 20 Hz |

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|---|---|
| **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

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|---|---|
| **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/US12M200G3-B4.pdf
See store item page for other formats.