

USQ12M400HPG3-T4 Cut Sheet



di-soric ultrasonic proximity sensor, rectangular, 12 x 12 x 82mm body, aluminum housing, top sensing, diffuse with background suppression, push-pull NPN or PNP, N.O./N.C. selectable output, 40–400mm sensing distance, IP67, 4-pin M8 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/USQ12M400HPG3-T4>

Technical Specifications

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|-------------------------|-------------------------------------|
| Brand | di-soric |
| Item | Proximity sensor |
| Sensor Type | Ultrasonic |
| Application | Standard duty and IO-Link |
| Shape | Rectangular |
| Housing Size | 12 x 12 x 82mm body |
| Housing Material | Aluminum |
| Sensing Face | Top sensing |
| Sensing Method | Diffuse with background suppression |
| Adjustable | No |
| Number of Wires | 4 |
| Switching Output | Push-pull NPN or PNP |
| Operation Mode | N.O./N.C. selectable output |
| Sensing Distance | 40–400mm |

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| Switching Frequency | 10 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 M8 quick-disconnect |
| IO-Link Compatible | Yes |
| Communication Port and Connection Type(s) | (1) 4-pin M8 (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 |

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/USQ12M400HPG3-T4.pdf>
See store item page for other formats.