

TM311-TLP9/0 Cut Sheet



Endress+Hauser iTHERM temperature sensor/transmitter, Pt100 RTD, M12 probe, 0 to 150 deg C, 150mm insertion length, 6mm probe diameter, 1/4in male NPT process connection, Output: 1-channel, current/IO-Link, 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/TM311-TLP9/0>

Technical Specifications

| | | | |
|----------------------------------|--|--|---|
| Brand | Endress+Hauser | Output Current Signal Range | 4-20 mA |
| Item | Temperature sensor/transmitter | Operating Voltage | 15-30 VDC |
| Series | ITHERM | Electrical Connection | 4-pin M12 quick-disconnect |
| Sensor Element | Pt100 RTD | Temperature Sensing Range | 0 to 150 deg C |
| Sensor Type | M12 probe | Communication Port and Connection Type(s) | (1) 4-pin M12 A-coded (IO-Link) port(s) |
| Media Type | Liquid, water, oil, chemicals, gases and air | Port Protocol(s) | IO-Link Class A Device |
| Accuracy | Class A accuracy | Port Speed(s) | IO-Link COM2 |
| Insertion Length | 150mm | IO-Link Version | IO-Link SSP Ed.2 v1.1 |
| Probe Diameter | 6mm | Standard I/O Mode Supported | Yes |
| Sheath Material | 316L stainless steel | IP Rating | IP66, IP67 and IP69 |
| Process Connection | 1/4in male NPT | Additional Information | Purchase cable separately |
| Number Of Output Channels | 1 | Manufacturer Part Number | TM311-CAC0BG5BBX1A1 |
| Output | Current/IO-Link | | |

Agency Approvals

| | |
|-----------------------------|--|
| UL Listed File # | None |
| UL Recognized File # | None |
| UL Hazardous File # | None |
| CE | View CE declarations |
| CSA File # | 200600 |
| RoHS Status | Yes (See CE Doc) |
| EU REACH | View EU REACH document |