

TMT142B iTEMP Programmable Temperature Transmitter with HART

Part No. **TMT142B-1E60/1W9**

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For a variety of cable options see our website www.AutomationDirect.com

Features

- Sensor Types:
 - Thermocouple Types J, K, T, E, N, R, S, U, B, C, D, L, A
 - RTD Types Pt50, Pt100, Pt200, Pt500, Pt1000, Ni100, Ni120, Cu50, Cu100 (2, 3 or 4-wire)
 - Linear Resistance 10 to 2000 Ohms (2, 3, or 4-wire)
 - Millivolts -20 to 100 mV
- Measuring range configurable within the full range of the sensor type selected
- Selectable units of °F, °C, K, Ohm, and mV
- Choose from internal, external, or user defined fixed value reference junction compensation for thermocouple inputs
- Wire resistance compensation for 2-wire RTDs
- Powered by 11-36 VDC
- Output is linearized 2-wire current loop and can be configured for 4-20 mA or 20-4 mA with HART Communications
- Selectable up scale or down scale signal for sensor lead break or short circuit detection (NAMUR NE 43 fault response)
- Adjustable digital filter time constant to compensate for undesirable input fluctuations
- 2kVAC isolation between input and output
- Die-cast aluminum IP67 housing
- Liquid crystal display of measured value with 20.5 mm digits, bar graph, engineering unit, and other information
- Configured and monitored using HART communications or with its Bluetooth wireless interface on Android and iOS devices via the free Endress+Hauser SmartBlue App

Endress+Hauser TMT142B Series iTEMP Programmable Temperature Transmitter

Part Number	Description	Weight (lb)	Price
TMT142B-1E60/1W9	Endress+Hauser iTEMP programmable temperature transmitter, isolated, Input: 1-channel, RTD/thermocouple/bipolar voltage/potentiometer, deg F or deg C, Output: 1-channel, current/HART, 11-36 VDC operating voltage, IP66 and IP67, wall mount, (3) 1/2in female NPT.	4.25	\$1,400.00

Endress+Hauser TMT142B Series iTEMP Programmable Temperature Transmitter Information

Part Number	Drawing Links	Manufacturer Tech Specs	Manufacturer Quick Start	Manufacturer Manual
TMT142B-1E60/1W9	PDF	PDF	PDF	PDF

For complete technical information and installation see *Manufacturer Tech Specs* and *Manual* links.

Wiring Information

