TMT72-4LR3/142 Cut Sheet

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Endress+Hauser iTEMP programmable temperature transmitter, isolated, Input: 1-channel, RTD/thermocouple/bipolar voltage/ potentiometer, °F or °C, Output: 1-channel, loop powered current/ HART, 10–36 VDC operating voltage, DIN Form B connection head mount.

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

https://www.automationdirect.com/pn/TMT72-4LR3/142

Technical Specifications

Brand	Endress+Hauser
Item	Programmable temperature transmitter
Series	ITEMP
Isolation	Isolated
Field Configurable	Yes
Number Of Input Channels	1
Input	RTD/thermocouple/bipolar voltage/potentiometer
Input Potentiometer Resistance	10–2000 ohm
Input RTD Signal Types	Cu50, Cu100, Ni100, Ni120, Pt100, Pt200, Pt500 and Pt1000
Input Thermocouple Signal Type	J, K, L, N, R, S, T, U, A, B, C, D, E
Input Voltage Signal Range	-20 to +100 mV
Programmable Temperature Range	Deg F or °C

Number Of Output Channels	1
Output	Loop powered current/HART
Output Current Signal Range	4–20 mA and 20–4 mA
Communication Port and Connection Type(s)	Bluetooth
Port Speed(s)	BLE 802.15.1
Operating Voltage	10–36 VDC
Housing Material	Polycarbonate
Mounting	DIN Form B connection head
Electrical Connection	Screw terminals
Includes	Mounting hardware
Additional Information	For applications without HART communication, an Android or iOS device with Bluetooth connectivity and SmartBlue App (free download from the Google Play Store and Apple App Store) can be used for full sensor configuration

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

Dimensional Drawings

2D Drawing PDF Link:
https://cdn.automationdirect.com/static/drawings/2d/TMT72-4LR3_142.pdf
See store item page for other formats.