

TMT142B-1E60/1W9 Cut Sheet



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.

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



<https://www.automationdirect.com/pn/TMT142B-1E60/1W9>

Technical Specifications

Brand	Endress+Hauser	Number Of Output Channels	1
Item	Programmable temperature transmitter	Output	Current/HART
Series	ITEMP	Output Current Signal Range	4-20 mA and 20-4 mA
Isolation	Isolated	Operating Voltage	11-36 VDC
Field Configurable	Yes	IP Rating	IP66 and IP67
Number Of Input Channels	1	NEMA Rating	4X
Input	RTD/thermocouple/bipolar voltage/potentiometer	Housing Material	Die-cast aluminum
Input Potentiometer Resistance	10-2000 ohm	Mounting	Wall
Input RTD Signal Types	Cu50, Cu100, Ni100, Ni120, Pt100, Pt200, Pt500 and Pt1000	Electrical Connection	(3) 1/2in female NPT
Input Thermocouple Signal Type	J, K, L, N, R, S, T, U, A, B, C, D, E	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
Input Voltage Signal Range	-20 to 100 mV		
Programmable Temperature Range	Deg F or deg C		

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