

Endress+Hauser TMT142B-BAA22A1

Smart universal temperature transmitter with HART® and Bluetooth® communication, robust field housing and backlit display. Certified for use in hazardous areas.



Picture for reference only. Product appearance may vary based on configuration

The iTEMP TMT142B comes in a robust, compact single-chamber field housing. Highest performance in critical control applications and harsh environments such as hazardous areas characterize this single-channel temperature transmitter. Its backlit display offers clear process and diagnostic information in the field. The integrated Bluetooth® interface facilitates remote device configuration and maintenance routine, regardless of the mounted position. Inputs for resistance sensors (RTD), thermocouple (TC), resistances (Ω) and voltage transmitters (mV) are converted to a 4 to 20 mA signal and HART® 7 communication.

- Reliable, long-term stable and accurate temperature measurement even under harsh environmental conditions thanks to a pressure-encapsulated single-chamber housing and integrated overvoltage protection.

Configuration of TMT142B-BAA22A1:

Approval:	BA	ATEX II1G Ex ia IIC T6
Communication; Output Signal; Operation:	A	HART; 4-20mA; HART configuration
Housing:	2	Alu + display
Cable Entry:	2	3x M20x1.5 female thread
Device Model:	A1	1

Alternative part number: TMT142B-1940/0