

Endress+Hauser Temperature transmitter TMT182B-BAA1AAAA1

4-20 mA and HART® temperature transmitter for non-hazardous areas with plug-and-play 3-wire Pt100 RTD input. The iTEMP TMT182B delivers accurate measurements as well as smart device and instrument diagnostics. Standard DIN mounting kit included.



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

The iTEMP TMT182B is a highly accurate 4-20 mA and HART® temperature transmitter for non-hazardous areas with universal input. The device comes pre-programmed from factory for 3-wire RTD input configurations covering a measuring range from -200°C to 850°C (-328°F to 1562°F). The iTEMP TMT182B delivers precise and long-term stable measurements as well as smart transmitter and instrument diagnostics. Newly developed and optimized screw terminals help speed up the wiring process and ensure secure electrical connections.

- Accurate, reliable and long-term stable temperature measurements
- Plug-and-play: factory pre-configured; programmable via on-device CDI connector, free software available
- Smart diagnostics according to NAMUR NE 107, transmitter and sensor monitoring
- Universal input (RTD, thermocouple) for flexible use
- Easy installation: new generation screw terminals for faster wiring

Configuration of TMT182B-BAA1AAAA1:

Approval:	BA	ATEX II1G Ex ia IIC T6
Communication; Output Signal; Operation:	A	HART; 4-20mA; HART configuration
Housing Shape:	1	Form B head transmitter, DIN EN 50446
Electrical Connection:	A	Screw terminals
Mounting Set:	AA	W/o
Device Model:	A1	1

Alternative part number: TMT182B-1170/0