

# Endress+Hauser Temperature transmitter TMT82-B4A2AB1A1AAA1LA

**Highly reliable, SIL compliant, dual channel temperature transmitter for use in hazardous areas. Accurate and long-term stable measurements with smart sensor monitoring and diagnostic information.**



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

The iTEMP TMT82 is a highly reliable, dual-channel temperature transmitter. It is SIL compliant and designed for use in hazardous areas. This device ensures accurate and long-term stable measurements, and features smart sensor monitoring and diagnostic information for optimal performance.

## Configuration of TMT82-B4A2AB1A1AAA1LA:

Approval:	B4	ATEX II1G Ex ia IIC T6 Ga, II3D
Communication; Output Signal:	A	HART; 1x 4-20mA
Electrical Connection:	2	Screw terminals, housing form B, DIN EN 50446
Field Housing:	A	W/o, mounting set DIN terminal head
Configuration Universal Input:	B1	Ch1: RTD 3-wire, Ch2: inactive
Sensor Type Input 1:	A1	Pt100, IEC60751 (a=0.00385), -200...+850oC, min. span 10K
Sensor Type Input 2:	AA	Inactive
Input; Interconnection:	A1	PV=CH1; CH2 inactive
>>Additional Approval:	LA	SIL
Low range value		0.00°C
Upper range value		100.00°C

Alternative part number: TMT82-9K50/1D7