

Endress+Hauser Temperature transmitter TMT31-B2A1A1A1B3C1PA

Temperature transmitter for accurate and reliable 1-channel RTD measurements in process industries.



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

The iTEMP TMT31 is a head mounted 4-20mA RTD temperature transmitter. It offers high safety and long-term stable, reliable measurement accuracy. Ease of use and a facilitated installation are secured by the optimized connection technology with push-in terminals for tool-free, secure and extremely fast wiring. It is also available with the classic screw terminals. The device is pre-configured with factory-set, fixed parameters or can be parametrized using free software tools.

- Push-in terminals for fast and tool-free wiring during installation or maintenance can cut wiring time by up to 85%.
- Ready-to-use: Factory pre-configured or easy parametrization using free software tools.

Configuration of TMT31-B2A1A1A1B3C1PA:

Approval:	B2	ATEX II3G Ex ec IIC Gc
Output Signal:	A	4-20mA
Housing Shape:	1	Form B head transmitter, DIN EN 50446
Electrical Connection:	A	Screw terminals
Sensor Input:	1	Measuring input RTD
Device Model:	A1	1
>Sensor Connection:	B3	RTD 4-wire
>Sensor Type:	C1	Pt100, IEC60751 (a=0.00385), -200...+850oC, min. span 10K
>>Accessory Enclosed:	PA	Mounting set DIN terminal head
Low range value		0.00°C
Upper range value		150.00°C

Alternative part number: TMT31-1C16/142