

Endress+Hauser Temperature transmitter TMT82-BAA2AB1A1AAA1

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-BAA2AB1A1AAA1:

| | | |
|--------------------------------|----|---|
| Approval: | BA | ATEX II1G Ex ia IIC T4/T5/T6 |
| 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 |
| Low range value | | 0.00°C |
| Upper range value | | 100.00°C |

Alternative part number: TMT82-1395/101