

Endress+Hauser Thermometer TST434B-AAB1AABNQ

Rugged RTD for accurate outdoor and indoor ambient temperature monitoring



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

The iTHERM ModuLine TST434B is a weather-proof, modular RTD thermometer designed for ambient temperature monitoring between -50 °C and 150 °C (-58 °F and 302 °F). It houses state-of-the-art temperature transmitters that provide superior measurement performance compared to directly wired sensors. Compatible Endress+Hauser transmitters offer a wide range of outputs and communication protocols, including 4-20 mA, IO-Link or Ethernet-APL for seamless integration into various control systems. The device is available in two rugged housing variants (up to IP66/68) for reliable operation even in challenging environments. Typical applications include ambient temperature monitoring around piping and machinery, in factory and production halls, laboratories, greenhouses, control cabinets, server rooms, drying and cooling rooms.

- Quick and easy wall mounting
- Large choice of temperature transmitters with advanced features for easy system integration
- 4-20 mA analog and advanced digital outputs and communication protocols
- Electronics protected from extreme environmental conditions by rugged terminal heads (IP66/68)

Configuration of TST434B-AAB1AABNQ:

Approval:	AA	Non-hazardous area
Sensor Type:	B	1xPt100 A, 4-wire
Electrical Connection:	1A	Terminal block
Terminal Head; Material:	A	TA30; PCB
Cable Entry Terminal Head:	B	M16
>Accessory Mounted:	NQ	1x cable gland Polyamide

Alternative part number: TST434B-1082/0