

Endress+Hauser Thermometer TM101-URCCA1BC2H1A1

RTD or thermocouple temperature probe for direct installation in various industrial applications.



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

The iTHERM ModuLine TM101 is a basic thermometer that offers reliable temperature measurement performance. It has a standard extension neck and a fixed, non-replaceable insert for use in non-hazardous areas. The device is available with optional Bluetooth®-enabled head transmitter with 4 to 20 mA output or HART® communication, providing enhanced measurement accuracy and reliability compared to directly wired sensors.

- Modular temperature assembly with direct contact sensor for excellent measurement performance in a wide range of industrial applications in non-hazardous areas.
- iTHERM ModuLine TM101 thermometers are available with temperature transmitters with integrated Bluetooth interface for secure remote device programming, value readouts and advanced troubleshooting functions.
- Instrument with excellent value and performance designed for supporting processes and low mechanical, thermal or corrosive stress environments.

Configuration of TM101-URCCA1BC2H1A1:

Approval:	UR	Non-hazardous area + UK marking
Process Connection; Material:	CC	G1/2 male thread; 316L
Immersion Length U:	A1	50 mm
Lagging Length T:	B	Shortest possible lagging
Sensor;Wire;Class;Meas. Range;Material:	C	1xPt100 TF; 4; A; -50...+200oC; 316L
Electrical Connection:	2H	4-20mA, 1-channel TMT31, head transmitter DIN B
Terminal Head,Material,Protection Class:	1	TA20AB, 1x M20x1.5 female thread, small, cover screwed; Alu; IP66
Device Model:	A1	1
Low range value		-99999.00°C
Upper range value		99999.00°C

Alternative part number: TM101-C626/142