

Endress+Hauser Thermometer TM131-AADAHBB1BX1AAAC2CA1AA1

Intrinsically safe temperature sensor designed for use in industrial applications. Complete with manufactured thermowell produced from pipe or tube material or to be used with on-site thermowell.



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

The iTHERM ModuLine TM131 thermometer is suitable for a broad range of general, industrial applications. It comes with a manufactured, welded thermowell or can be installed in an existing thermowell. The modularity offers maximum variety by combining housing, sensor design (RTD / TC measuring technology), temperature transmitter, process connection and other components. Individual components can be easily replaced, added, or modified.

- Second process seal with failure indication - no process medium will enter the terminal head or the wiring circuit
- iTHERM StrongSens or iTHERM QuickSens inserts for environments with high vibration or faster response times
- iTHERM QuickNeck feature allows tool-free, easy calibration
- Improved maintenance by changing inserts without interrupting the process

Configuration of TM131-AADAHBB1BX1AAAC2CA1AA1:

Approval:	AA	Non-hazardous area
Thermowell:	D	Thermometer with thermowell, w/o lagging similar to DIN43772 Form 2, 3
Thermometer Design:	A	W/o neck, DIN43772 form 2, 3, 5, 8
Process/Thermowell Connection; Material:	HB	G1/2 male thread compression fitting; 316L, ferrule 316L
Thermowell Diameter; Material:	B1	9x1.25mm; 316L
Tip Shape:	B	Straight (DIN 43772 form 2/2G/2F)
Immersion Length U:	X1	104MM..... mm (≤1000 mm)
Removable Neck Length E:	A	0mm, w/o neck
Lagging Length T:	A	0mm, w/o lagging
Sensor Type; Measuring Range; Material:	A	1xPt100 TF; -50...+400°C; 316L
Sensor Standard; Classification:	C	IEC60751; class A, 4-wire
Electrical Connection:	2C	4-20mA, 1-channel TMT71, head transmitter DIN B
Terminal Head,Material,Protection Class:	A1	TA30A comfort flip cover; Alu; IP66/68
Cable Entry Terminal Head:	A	1x M20x1.5 female thread
Device Model:	A1	1
Low range value		0.00°C
Upper range value		150.00°C

Alternative part number: TM131-A2PJ1/115