

# Endress+Hauser Temperature switch TTR31-A1C121AA2CAA

**Safe monitoring of process temperatures with precise sensor and long-term stable electronics.**



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

The Thermophant T TTR31 is a compact temperature switch for the safe monitoring of process temperatures. The device is available with different outputs and process connections.

- Function control and information on-site thanks to LEDs and digital display
- Integrated switching electronics for decentral and economic process monitoring and control
- Long-term stable temperature sensor made of platinum (Pt100 class A as per IEC 60751)

## Configuration of TTR31-A1C121AA2CAA:

Approval:	A	Non-hazardous area
Electrical Connection:	1	Plug M12
Power Supply; Output:	C	12-30VDC; 1x switch PNP + 4-20mA
Display:	1	Digital
Sensor; Measuring Range; Neck:	2	Pt100, A; -50oC...+200oC/-58oF...+392oF; 35mm
Adjustment:	1	Factory setup, unit oC
Process Connection:	AA	W/o, compression fitting 316L, L=>100mm insertion length, compression fitting to order separately
Insertion Length L; Diameter D:	2C	100 mm; 6mm
Calibration; Material Certificate:	A	Not needed
Version:	A	Standard, documentation German

Alternative part number: TTR31-A1C121AA2CAA