

# Endress+Hauser Temperature switch TTR31-A1C111AA2CAB

**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-A1C111AA2CAB:

|                                    |    |                                                                                                         |
|------------------------------------|----|---------------------------------------------------------------------------------------------------------|
| 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:     | 1  | Pt100, A; -50oC...+150oC/-58oF...+302oF; 0mm                                                            |
| Adjustment:                        | 1  | Factory setup, unit oC                                                                                  |
| Process Connection:                | AA | W/o, compression fitting 316L, L=>100mm<br>insertion length, compression fitting to order<br>separately |
| Insertion Length L; Diameter D:    | 2C | 100 mm; 6mm                                                                                             |
| Calibration; Material Certificate: | A  | Not needed                                                                                              |
| Version:                           | B  | Standard, documentation English                                                                         |

Alternative part number: TTR31-A1C111AA2CAB