

# Endress+Hauser Temperature switch TTR35-A1A121DB1BAB

**Safe monitoring of process temperatures in hygienic processes with switching outputs, precise sensor and long-term stable electronics.**



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

The Thermophant T TTR35 is a compact temperature switch for the safe monitoring of process temperatures in hygienic applications. The device is designed for use in the Food & Beverage as well as the Life Science industry, and 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
- 3A approved
- Long-term stable temperature sensor made of platinum (Pt100 class A as per IEC 60751)

## Configuration of TTR35-A1A121DB1BAB:

|                                    |    |                                                                                    |
|------------------------------------|----|------------------------------------------------------------------------------------|
| Approval:                          | A  | Non-hazardous area                                                                 |
| Electrical Connection:             | 1  | Plug M12                                                                           |
| Power Supply; Output:              | A  | 12-30VDC; 1x switch PNP                                                            |
| Display:                           | 1  | Digital                                                                            |
| Sensor; Measuring Range; Neck:     | 2  | Pt100, A; -50oC...+200oC/-58oF...+392oF; 35mm                                      |
| Adjustment; Sensor Range:          | 1  | Factory setup, unit oC                                                             |
| Process Connection:                | DB | Clamp>NA Connect DN25-38 (1-1.5"), ISO 2852, 3-A, form B, 316L, DIN 32676, DN25-40 |
| Insertion Length L; Diameter D:    | 1B | 50 mm; 6mm                                                                         |
| Calibration; Material Certificate: | A  | Not needed                                                                         |
| Version:                           | B  | Standard, documentation English                                                    |

Alternative part number: TTR35-A1A121DB1BAB