

# Thermophant T TTR35

## Temperature switch

Compact and cost-saving for safe monitoring of process temperatures in hygienic applications



from **€227.00**

Price as of 24.06.2021

More information and current pricing:

[www.be.endress.com/TTR35](http://www.be.endress.com/TTR35)

### Benefits:

- Integrated switching electronics for decentral and economic process monitoring and control
- 3A approved
- Function control and information on-site thanks to LEDs and digital display
- Long-term stable temperature sensor made of platinum (Pt100 class A as per IEC 60751)
- High accuracy across the entire ambient temperature range and short response time
- Operation and visualization also with PC and FieldCare or ReadWin 2000 configuration software
- DESINA-compliant

### Specs at a glance

- **Accuracy** -50...75 °C: <0,5 K (-58...167 °F: <0,9 °F) 75...150 °C: <0,65 K (167...302 °F: <1,2 °F)
- **Operating temperature range** -50...150 °C (-58...302 °F)

**Field of application:** Cost efficiency, optimal use of space, reliable operation and easy commissioning indicate modern process measuring technology. The temperature switch completely fulfills these requirements in the Food & Beverage as well as in the Life Science industry. Designed for safe monitoring of process temperatures it can be selected between one or two switch outputs as well as one switch output and one standardized analog output. A variety of hygienic process connections leads to a flexible use.

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## Features and specifications

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### Temperature switch

**Measuring principle**

Temperature switch

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**Characteristic / Application**

Intelligent temperature switch with Pt100 sensor (class A)

for hygienic applications

FDA compliant

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**Auxiliary power supply**

12...30 V DC

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**Accuracy**

-50...75 °C: <0,5 K

(-58...167 °F: <0,9 °F)

75...150 °C: <0,65 K

(167...302 °F: <1,2 °F)

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**Long term drift**

<0,1 K/a (<0,2°F)

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**Operating temperature range**

-50...150 °C (-58...302 °F)

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**Process connection**

hygienic connections

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**Hint**

Not defined

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