

## iTEMP TMT31 head mount temperature transmitter

Accurate and reliable process temperature measurements for RTD sensors



từ **93,54 €**

Giá kể từ 05.07.2022

Thông tin thêm và mức tính giá hiện tại:

[www.apsc.endress.com/TMT31](http://www.apsc.endress.com/TMT31)

### Lợi ích:

- Push-in terminals for fast, tool-free wiring during installation or maintenance
- Simple parametrization via free software tools (requires FXA291 or TXU10)
- Transmitter-sensor matching using Callendar-Van Dusen linearization for critical measurement points
- Improved RTD measurement accuracy up to 0.1 K and long-term stability
- Diagnostics information according to NAMUR NE 107
- Ready-to-use: Factory pre-configured

### Tổng quan về thông số kỹ thuật

- **Accuracy** Pt100, GOST 6651-2009 (-200 ... +850 °C (-328 ... +1 562 °F)) Pt100, IEC60751 (-200 ... +850 °C (-328 ... +1 562 °F)) Pt1000, IEC60751 (-200 ... +250 °C (-328 ... +482 °F)) Pt100, JIS C1604-81 (-200 ... +510 °C (-328 ... +950 °F))

**Phạm vi ứng dụng:** The iTEMP TMT31 is a reliable, long-term stable, single-channel 4 to 20 mA temperature transmitter for thermometers with terminal head Form B suited for use in Zone 2 / Div. 2 areas. Individual transmitter-sensor matching with Callendar-Van Dusen linearization further improves your temperature measurement accuracy for RTD sensors. Push-in terminals for quick wiring facilitate installation. The device is available pre-configured or can easily be parametrized using free software tools.

### Tín năng và thông số kỹ thuật

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## Temperature transmitters

### Measuring principle

Head transmitter

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### Input

Pt100

Pt1000

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### Output

1 x analog 4-20mA

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### Auxiliary power supply

10...36 V DC

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### Communication

PC-programmable

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### Installation

Terminal head form B

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### Accuracy

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### Galvanic isolation

no

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### Certification

Non-hazardous area

ATEX

CSA

Non-hazardous area + EAC

Non-hazardous area + UK

ATEX + CSA

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Thông tin bổ sung [www.apsc.endress.com/TMT31](http://www.apsc.endress.com/TMT31)