

iTEMP TMT36 temperature transmitter

IO-Link temperature head transmitter with one RTD sensor input



Benefits:

- Push-in terminals for fast, tool-free wiring during installation or maintenance
- Simple parametrization via free software tools (requires SFP20)
- Transmitter-sensor matching using Callendar van Dusen linearization for critical measurement points
- Improved RTD measurement accuracy up to 0.15 K and long-term stability
- Safe and reliable operation
- IO-Link technology to digitize the the last mile of your plant

Specs at a glance

- **Accuracy** (Pt100, -50...200 °C) $\leq 0,15$ K (Pt100, -58...392 °F) $\leq 0,15$ K

from **€95.00**

Price as of 26.08.2025

More information and current pricing:

www.endress.com/TMT36

Field of application: The iTEMP TMT36 is a reliable, long lasting, single-channel IO-Link temperature head transmitter with a form B connection head. Individual transmitter-sensor matching with Callendar van Dusen linearization further improves the temperature measurement accuracy of RTD sensors. The IO-Link capable iTEMP TMT36 can be installed in all modular Endress+Hauser thermometers to digitize a larger number of applications with special requirements using IO-Link technology.

Features and specifications

Temperature transmitters

Measuring principle

Head transmitter

Temperature transmitters

Input

1 x RTD

Output

1 x IO-Link

Auxiliary power supply

18...30 V DC

Communication

IO-Link

Installation

Terminal head form B

Accuracy(Pt100, -50...200 °C) $\leq 0,15$

K

(Pt100, -58...392 °F) $\leq 0,15$ K**Galvanic isolation**

no

Certification

CSA General Purpose

More information www.endress.com/TMT36