

iTEMP TMT36 temperature transmitter

IO-Link temperature head transmitter with one RTD sensor input



from **\$221.21**

Price as of 07/29/2026

More information and current pricing:

www.us.endress.com/TMT36

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,Pt1000, entire measuring range) $\leq 0,15K$

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

Input

1 x RTD

Temperature transmitters

Output

1 x IO-Link

Auxiliary power supply

18...30 V DC

Communication

IO-Link

Installation

Terminal head form B

Accuracy

(Pt100,Pt1000, entire measuring range)
<=0,15K

Galvanic isolation

no

Certification

CSA General Purpose

More information www.us.endress.com/TMT36