iTEMP TMT128
DIN rail temperature transmitter

Transformation of the sensor signal into a stable and standardized output signal for all industries

from **$138.00**
Price as of 04/23/2021

More information and current pricing:
www.us.endress.com/TMT128

Benefits:

- High accuracy in complete ambient temperature range
- Fault signal on sensor break or short circuit, NAMUR NE 43 compliant
- EMC as per NAMUR NE 21, CE
- Ex-Certification: ATEX Ex ia, FM IS, CSA IS
- UL recognized component to UL 3111-1
- Ship building approval GL
- Galvanic isolation

Specs at a glance

- **Accuracy** (Type K) <= 0,5 K (Type K) <=0,9 °F

Field of application: The transmitter is designed for the transformation of a TC sensor signal in a fixed measuring range. The standardized output signal used for process measurement is a 4 to 20 mA signal. This means fast, easy and cost-saving temperature measuring as well as reliable and precise measured values for for a wide range of industry applications. Installation is realized on DIN rail according to IEC 60715 (housing width: 22.5 mm).

Features and specifications

Temperature transmitters

Measuring principle
Rail transmitter

Temperature transmitters

Input
1 x TC

Output
1 x analog 4...20 mA

Auxiliary power supply
12...35 V DC (standard-version)

12...30 V DC (Ex-version)

Installation
DIN-rail

Accuracy
(Type K) <= 0,5 K

(Type K) <=0,9 °F

Galvanic isolation
yes

Temperature transmitters

Certification

UL rec. Comp

marine approval

GOST Metrology

FM IS,NI,Class I,Div.1+2,Group ABCD

CSA IS,NI,Class I,Div.1+2,Group ABCD

ATEX II2(1)G Ex ia[ia Ga] IIC T6 Gb

ATEX II3G Ex nA IIC T6

FM+CSA IS,NI,Class I,Div.1+2,Group ABCD

CSA General Purpose

NEPSI Ex ia IIC T4-T6

NEPSI Ex nA II T4-T6

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