

iTEMP HART TMT122



Lợi ích:

- Universal settings with HART® protocol
- High accuracy in total ambient temperature range
- Fault signal on sensor break or short circuit, NAMUR NE 43 compliant
- EMC to NAMUR NE 21, CE
- Ex-Certification: ATEX Ex, CSA IS, FM IS
- Galvanic isolation

Tổng quan về thông số kỹ thuật

- **Accuracy** (Pt100, -50...200 °C) ≤ 0,2 K (Pt100, -58...392 °F) ≤ 0,4 °F

Thông tin thêm và mức tính giá hiện tại:

www.apsc.endress.com/TMT122

Phạm vi ứng dụng: Unsurpassed reliability, accuracy and long-term stability in critical processes over all industries. The configurable transmitter not only transfers converted signals from resistance thermometers (RTD) and thermocouples (TC), it also transfers resistance and voltage signals using HART® communication. Swift and easy operation, visualization and maintenance by PC using operating software. Installation is realized on DIN rail according to IEC 60715 (housing width: 22.5 mm).

Tín năng và thông số kỹ thuật

Temperature transmitters

Measuring principle

Rail transmitter

Input

1 x RTD, TC, Ohm, mV

Output

1 x analog 4...20 mA

Temperature transmitters**Auxiliary power supply**

12...35 V DC (standard-version)

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

Communication

HART-protocol

Installation

DIN rail

Accuracy(Pt100, -50...200 °C) $\leq 0,2$ K(Pt100, -58...392 °F) $\leq 0,4$ °F**Galvanic isolation**

yes

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

IECEX Ex ia IIC T6/T5/T4

NEPSI Ex nA IIC T4-T6

Thông tin bổ sung www.apsc.endress.com/TMT122