

iTEMP PCP TMT121



Lợi ích:

- High accuracy in total ambient temperature range
- Fault signal on sensor break or short circuit, NAMUR NE 43 compliant
- Safe operation in hazardous areas - International approvals such as ATEX Ex ia, NEPSI, FM IS, CSA IS
- EMC to NAMUR NE 21, CE
- Online configuration during measurement
- Galvanic isolation
- Output simulation

Tổng quan về thông số kỹ thuật

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

Thông tin thêm và mức tính giá hiện tại:

www.apsc.endress.com/TMT121

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. The standardized output signal is a 4 to 20 mA signal. Swift and easy operation, visualization and maintenance by PC using operating software. Installation is realized on DIN rail as per 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

Temperature transmitters

Output

1 x analog 4...20 mA

Auxiliary power supply

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

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

Communication

PCP (pc-programmable)

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

Thông tin bổ sung www.apsc.endress.com/TMT121