

Digital T/C Temperature Transmitter for DIN-rail Type



Application

1. Linearised temperature measurement with thermocouple.
2. To avoid temperature signal attenuation during long-term distance transmission, it converts thermocouple into standard analog current output 4~20mA DC(2-wire)
3. In this way, a stable and accurate figure can be collected and shown on the display of terminal instrument.
4. The instrument includes PLC, digital display and industrial computer, etc.

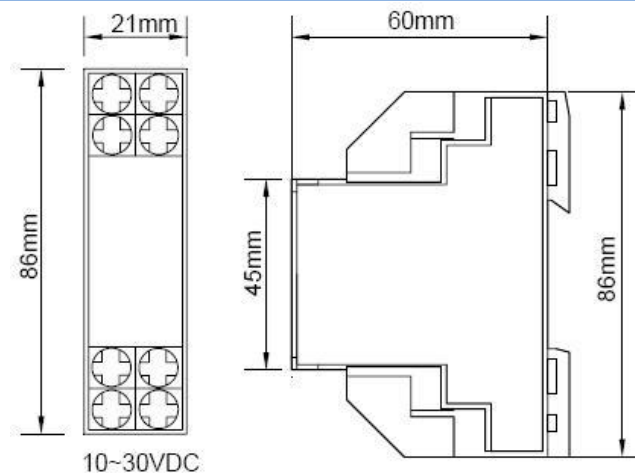
Features

1. MTP72 with smaller volume so lesser space to installation is required.
2. DIN-rail type; quick to install.
3. 2-wire loop power design
4. High quality and economical prices.

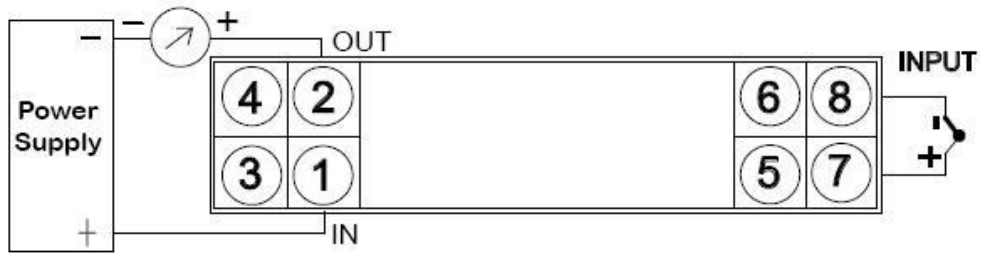
Standard Specification

INPUT	
Input	Thermocouple K type
Measuring range	by requested range
Output calibration (ZERO) adjustment range	±10%
OUTPUT	
Output	4~20 mA ; 2-wire
Accuracy	±0.2 % of F.S.
Accuracy of cold junction compensation	< 0.5°C (at 0~50°C)
Load resistance Ω	≤ (supply voltage - 10V) / 0.02A
Response time	< 250 ms
PROTECTION	
Electrical protection	Polarity & Sensor disconnection protection
Sensor disconnection protection output	22. 3mA
Certification	CE
ELECTRICAL SPECIFICATION	
Working temperature	0~50°C
Working humidity	5~95%
Storage temperature	-20~70°C
Temperature drift	< ± 0.015 % fs/°C
Power Supply	10 ~30 VDC
Electrical connection	terminal screw
Protection degree	housing: IP30 ; terminal: IP10
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Weight	68g

External Dimension



Diagram



Order information

MT **D** 72 - 1 **2** **1** **0** - **080**
A **B** **C** **D** **E**

(A) Product Type	(B) Input	(C) Output	(D) Power Supply	(E) Temperature Range	
D : Digital type	2 : T/C (type K)	1 : 4~20mA	0 : 10~30VDC	005 : 0~200°C	080 : 0~800°C
				040 : 0~400°C	120 : 0~1200°C
				060 : 0~600°C	W : special span

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