CRDP420A din rail transmiter

CRDP420A DIN RAIL TEMPERATURE TRANSMITER

Overview

CRDP420A DIN Mounted Temperature Transmitter is programmable thermocouple, RTD temperature input, with input-output-power isolated, transmitting the signal thermocouple, RTD sensor as analog signal output to various instruments or DCS, PLC etc control systems.

CRDP420A Temperature Transmitter DIN Rail Mounting Programmable

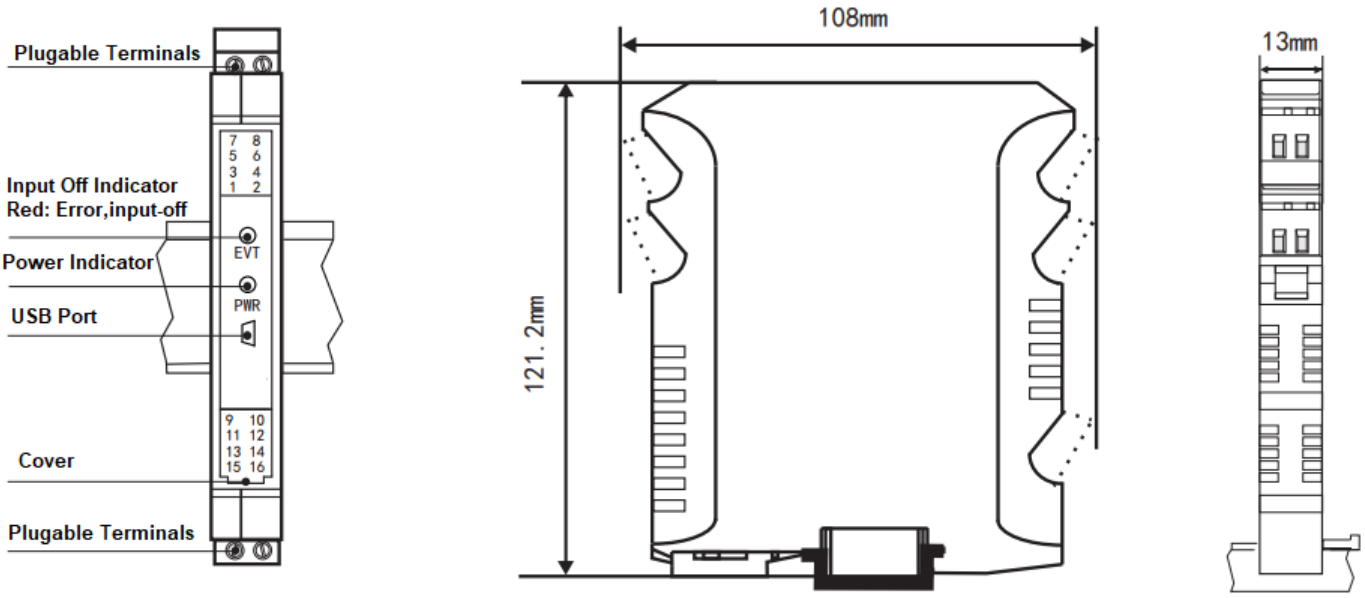
Feature

- 1 input 1 output, (STANDAR)1 input 2 outputs, 2 inputs 2 outputs
- Programmable thermocouple, RTD input by our programmer
- Transmission accuracy (20℃): (0.2%FS+1) digit
- Temperature shift: 0.0075%FS/℃
- Power-Input-Output isolation: 1.5KVrms, 1min, 50HZ
- Input /Output signal: 4-20ma, 0-20ma, 0-5VDC, 1-5VDC
- DIN35mm rail mounting with pluggable terminals
- Size:1121.2Xx108x13mm
- Independent power supply :20-32VDC

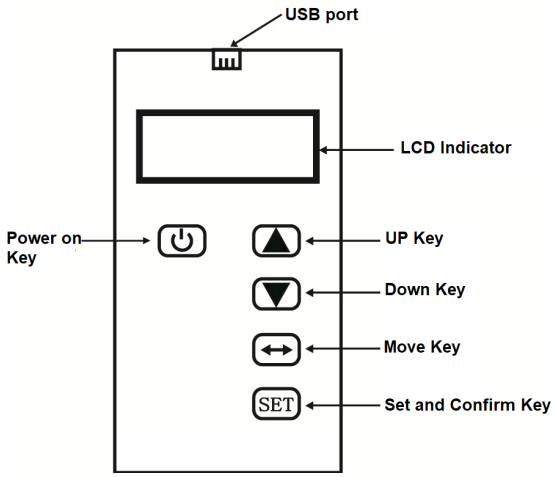
Specification

. Input type	Thermocouple, RTD	**Input Type**		**Measured Range**
. Output Signal	4-20mA, 0-10mA, 0-20mA; 0-5VDC, 1-5VDC	**RTD**	**Pt100**	-200 to 800℃
Resistor Load (mA output)	RL≤400Ω (4-20ma, 0-10ma, 0-20ma)		**CU50**	-50 to150℃
Resistor Load (Vdc output)	RL≥250kΩ (1-5VDC, 0-5VDC)		**CU100**	-50 to150℃
. Accuracy	0.2FS%+1 digit		**CU53***	-50 to 150.0℃
Temperature shift	0.0075%FS/℃		**BA1**	-200 to 600.0℃
Min. Resolution	0.1℃		**BA2**	-200 to 600.0℃
Cold junction -compensation	-10 to 50℃	**T.C**	**K**	-200 to 1300℃
Cold junction-comp. accuracy	±1℃		**T**	-200 to 400℃
Response time	50seconds up to 90% of final value		**E**	-200 to 1000℃
Isolated ability	Input-output-power 1.5KV, 1min, 50Hz		**J**	0 to 1200℃
Insulation resistance	Input-output-power≥100mΩ at 500VDC		**N**	0 to 1300℃
Power supply	DC20-32V		**R**	0 to 1600℃
Power Consumption	≤1W (1 input 1Output); ≤1.4W(1/2Input2Output)		**S**	0 to 1600℃
Case material/Protection	PC/ IP20		**B**	400 to 1800℃
Size	121.2Xx108x13mm		**Wre3-25**	0-2300℃
Working T&H	-20 to 50℃; 25% to 85%RH		**Wre5-26**	0-2300℃
Storage temperature	-10 to 60℃ (No dew)		**F2***	700-2000℃

Size (mm)



Programmer for Input &Output Type and Range Setting



. The input & output type and range and other parameters can be set by this programmer through USB port

. PV the real time value can be displayed in this programmer.

***Notes: If signal isolator is required to be programmable This programmer should be required to order together.**

Diagram