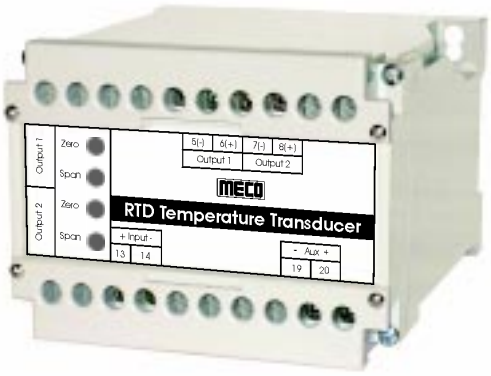
ISO 9001:2000 CERTIFIED

RTD Temperature Transducer

CE

Preliminary Data



RTD

BPRTD

MECO RTD Temperature Transducer takes inputs from RTD (PT-100 Ohms) and provides a Stable, Ripple-Free and Optically Isolated DC load independent output in the form of current or voltage. The output can be connected to Controllers, Data-Loggers, PLC's, Analog / Digital Indicators, Recorders for display, analysis or control. They are ideal for SCADA, Energy Management, Telemetering for Remote, Local as well as Central Monitoring Systems.

Model : RTD (DIN Series) | **Model : BPRTD** (Back Panel Series)

RTD Input	
Input Ranges	0 - 60 °C 0 - 100 °C 0 - 300 °C
Measuring Range	As above
Overload (continuous)	N.A.
Burden	N.A.

DC Output			
Current		Voltage	
Output	Load	Output	Load
0-1 mA	0-10 KΩ	0-1 V	> 1 kΩ
0-5 mA	0-2 KΩ	0-5 V	> 5 kΩ
0-10 mA	0-1 KΩ	1-5 V	
2-10 mA		0-10 V	>10 kΩ
0-20 mA	0-500 Ω	2-10 V	
4-20 mA			

Auxiliary Power Supply		
Tolerance		Burden
AC	110 V ± 20 %	< 4 VA
	230 V ± 20 %	
SMPS - LV	19 - 90V AC / DC	< 2.5 VA
SMPS - HV	85 - 265V AC / DC	

Optional
- Other input ranges available subject to technical feasibility

Optional
- Dual Non-Isolated Outputs
- Dual Isolated Outputs, inquire with sales@mecoinst.com
- Dual Symmetrical & Asymmetrical Outputs
- Bi-directional Outputs
- Other output ranges available subject to technical feasibility

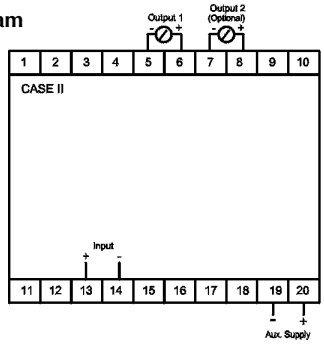
Optional
- Other Auxiliary Power Supplies available subject to technical feasibility

Dimension

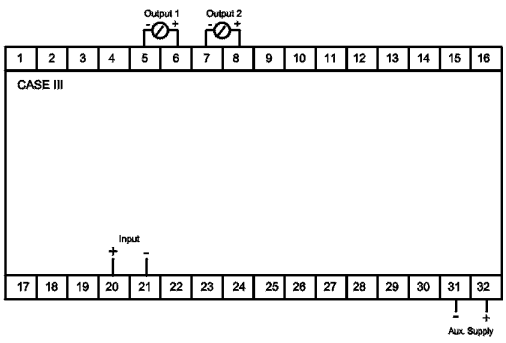
DIN Series :
- Case Size III for Dual Output (Isolated) of AC / DC Aux. Supply
- Case Size II for others

Note :
- Detailed specifications of BP Series on request
- For Case Size refer General Specifications

Connection Diagram



RTD W TH AC / DC AUX. SUPPLY



RTD W TH AC / DC AUX. SUPPLY
(DUAL ISOLATED OUTPUTS)