



Tap Position Transducer



Preliminary Data



TPT



BPTPT

MECO Tap position Transducer takes various Resistance inputs 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, Telemetry for Remote, Local as well as Central Monitoring Systems.

Model : TPT (DIN Series)	Model : BPTPT (Back Panel Series)
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Resistance Input	DC Output	Auxiliary Power Supply
Resistance input from potentiometric transformer tap positions upto 99 transformer taps. 100 KOhms max.	Tolerance	
	Burden	
	AC	
	110 V ± 20 %	
	230 V ± 20 %	
	SMPS - LV	
	19 - 90V AC/DC	
SMPS - HV		
85 - 265V AC/DC		
< 4 VA		
< 2.5 VA		

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

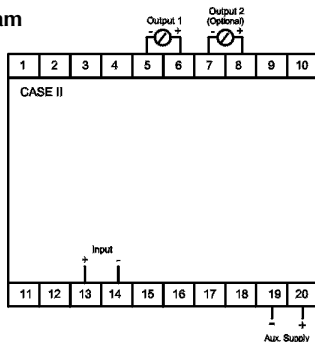
- Other Auxiliary Power Supplies available subject to technical feasibility

Dimension

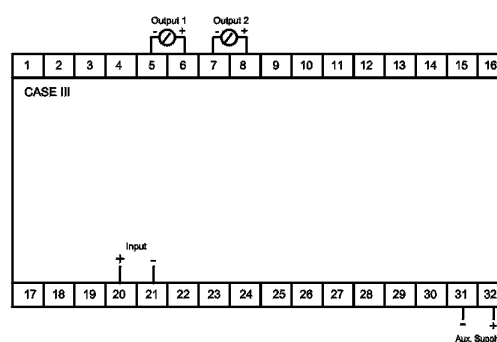
- DIN Series :**
- Case Size III for Dual Output (Isolated) of AC / DC Aux. Supply
 - Case Size II for others

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

Connection Diagram



TPT WITH AC / DC AUX. SUPPLY



TPT WITH AC / DC AUX. SUPPLY (DUAL ISOLATED OUTPUTS)