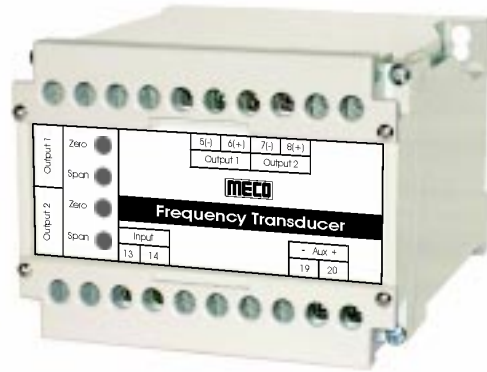




Frequency Transducer



FT



BPFI

MECO Frequency Transducer measures Power Frequency over a specified Frequency Range and converts it to an industry standard output signal which is directly proportional to the measured input. These Transducers provide an output which is load independent and isolated from the input. 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 : FT (DIN Series)	Model : BPFI (Back Panel Series)
-------------------------	----------------------------------

AC Input		DC Output				Auxiliary Power Supply			
Input Ranges	45 - 55 Hz 45 - 65 Hz 55 - 65 Hz 360 - 440 Hz	Current		Voltage		Tolerance (± 20 %)		Burden	
Input Voltage	63.5/110/230/440 V (any one only)	Output	Load	Output	Load	AC	110 V	< 4 VA	
Measuring Range	0.8 - 1.2 Un	0-1 mA	0-10 KΩ	0-1 V	> 1 kΩ	DC	230 V		
Overload (continuous)	1.2 x Un	0-5 mA	0-2 KΩ	0-5 V	> 5 kΩ		24 V		
Burden	< Unx5.5mA < 6VA for Self Powered	0-10 mA	0-1 KΩ	1-5 V	> 10 kΩ		48 V		
		2-10 mA		0-10 V			110 V		
		0-20 mA	0-500 Ω	2-10 V		220 V	Self Powered	Max. Variation of ± 20% allowed in Input Voltage	Refer Input Burden
		4-20 mA							

Optional

- Above Input Ranges with suitable PTR also available
- 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
- Other output ranges available subject to technical feasibility

Optional

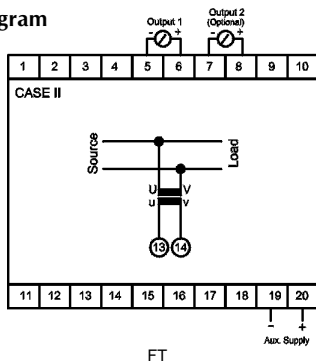
- Other Auxiliary Power Supplies available subject to technical feasibility

Dimension

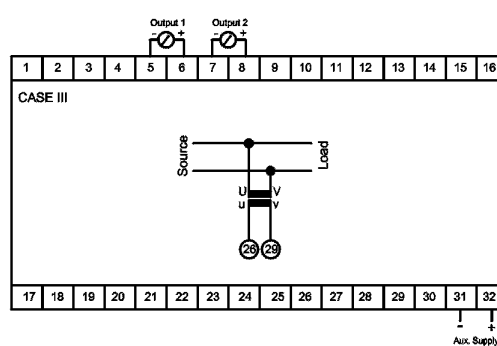
DIN Series : ● Case Size III for Dual Output (Isolated) of AC / DC Aux. Supply
● Case Size II for others

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

Connection Diagram



FT



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