



DTI



DTI - RRL

MECO DC Isolation Transducer takes various DC Voltage or DC Current signal 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 DTI - RRL has LED indication at Power ON condition.

Model : DTI (DIN Series)	Model : DTI - RRL (DIN Series)
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DC Input		DC Output				Auxiliary Power Supply		
Input Ranges	0-100 mV 4-20 mA 0-1 V 2-10 mA 0-5 V 1-5 mA 1-5 V 0-1 mA 0-10 V 0-10 mA 2-10 V 0-16 mA 0-1000 V 0-20 mA	Current		Voltage		Tolerance		Burden
Measuring Range	0-1.2 In, 0-1.2 Un	Output	Load	Output	Load	AC	110 V ± 20 %	< 4 VA
Overload (continuous)	1.2 x Un, 2 x In	0-1 mA	0-10 KΩ	0-1 V	> 1 kΩ		230 V ± 20 %	
Burden	10 kOhm/V for Voltage 100 mV for Current	0-5 mA	0-2 KΩ	0-5 V	> 5 kΩ	SMPS - LV	19 - 90V AC/DC	< 2.5 VA
		0-10 mA	0-1 KΩ	1-5 V	> 10 kΩ	SMPS - HV	85 - 265V AC/DC	

Optional

- Bi-directional Inputs 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
- 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

