

TVL Series

DC10 Voltage Transducer

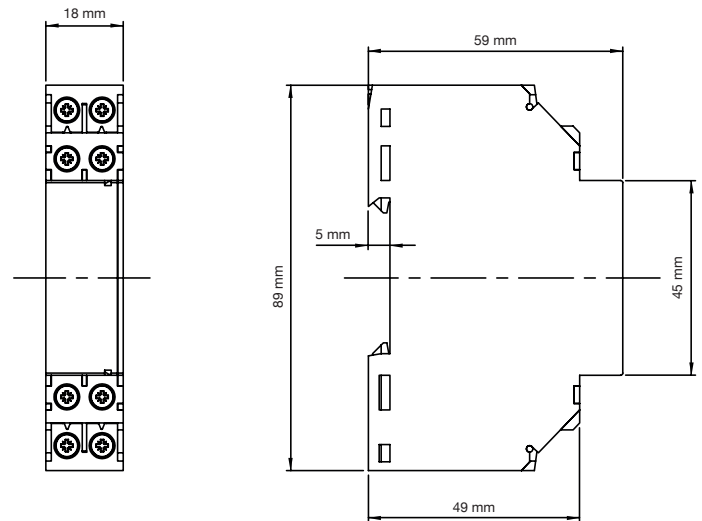
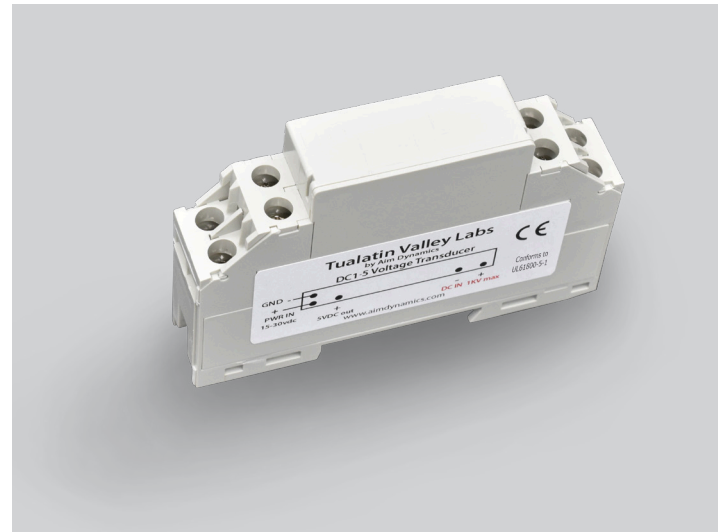
The TVL DC10 series, by Aim Dynamics, is an optically isolated (4.5 kV) DC voltage sensing device that is rated at 100Vdc. The DC10 outputs a corresponding 0-5 Vdc or 4-20 mA signal, depending on the option chosen.

SPECIFICATIONS

Primary voltage range	5 – 100VDC
Output	0-5 VDC or 4-20mA
Accuracy	1% over range
Linearity	0.5% over range
Response time	9 ms to 90% of the rated voltage
Working range	5 – 105%
Overload	150% continuous
Temperature	-30C to +70C operating
Humidity	90% operating
Isolation	4.5KV, 1 minute
Supply voltage	15 - 30 VDC
Mechanical	DIN EN 50 022 or wall mounting
Dimensions	0.709"W x 3.504"H x 2.126"D
Warranty	7 years
Safety	Conforms to UL 61800-5-1 and CSA C22.2 No. 14

FEATURES

- Isolated 100 Vdc Input
- 4-20mA or Voltage Output
- Din Rail Mounting
- 1% Accuracy
- Screw Type Terminals
- Low Response Time
- Cost-Effective



APPLICATIONS

- Solar string monitoring
- Power sensing
- Over/under voltage monitoring
- Battery & energy storage

AVAILABLE MODELS

- DC10-5V (0-5VDC Output)
- DC10-4mA (4-20mA Output)