

# Tualatin Valley Labs DC10 Voltage Transducer

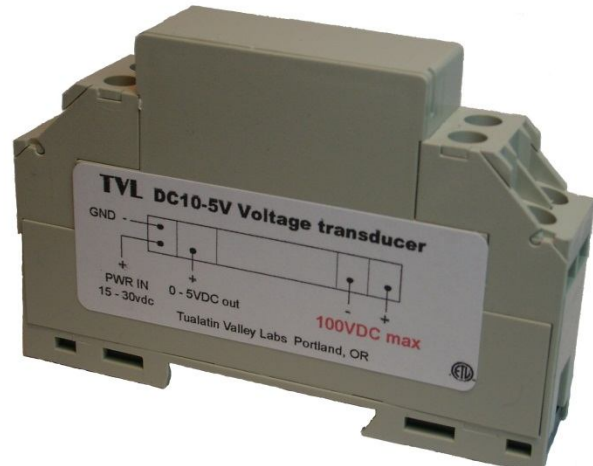
The DC10 is the perfect answer to charge controller and battery monitoring. The DC10 Transducer is designed to convert a DC Voltage input to either a 4-20mA or a voltage standard output that is proportional to the input. The transducer provides effective and safe isolation between the input & output

## FEATURES

- ISOLATED 100 VDC INPUT
- 4-20mA or 0 – 5VDC OUTPUT
- DIN RAIL MOUNTING
- 1% ACCURACY
- SCREW TYPE TERMINALS
- LOW RESPONSE TIME
- COST-EFFECTIVE

## APPLICATIONS

- Charge controller monitoring
- Solar panel monitoring
- Over/under voltage
- Battery & energy storage



## DC10 TRANSDUCER SPECIFICATIONS

Primary voltage range: 10 – 100VDC

Output: 0-5VDC, 4-20mA

Accuracy: 1% over range

Linearity: 0.5% over range

Response time: 10.0 mSec

Working range: 0 – 120%

Overload: 150% continuous

Temperature: -30C to +50C operating

Humidity: 90% operating

Isolation: 4.5KV, 1 minute

Supply voltage: 15 - 48VDC

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 STD 508C

Certified to CSA STD C22.2 NO.14



Tualatin Valley Labs, Inc  
18285 NW Parkview Blvd

Portland, OR 97229

Tel 503-724-9581

[www.voltage-transducer.com](http://www.voltage-transducer.com)

## Information:

[pat@voltage-transducer.com](mailto:pat@voltage-transducer.com)

DC10-5V (0-5VDC Output)

DC10-4mA (4-20mA Output)