

CURRENT SHUNTS AND VOLTAGE DIVIDERS



Our current shunts and voltage dividers extend the input signal range of our Eco-Line Signal Converters, Signal Converters and AC Current and Voltage Transducers.

The voltage dividers can be used up to 1000 V with DC or AC and the current shunts cover the range 1 A to 25 A also AC or DC.

Compact, economically priced, accurate and stable we have several options. Standard versions as well as customised ranges can be supplied as well as impedance matched voltage dividers.

APPLICATIONS:

- High voltage and current isolation and conversion.
- Filtering of noisy signals using a Signal Converter or Voltage Transducer.
- DC Servomotor current and voltage feedback isolation and conversion.
- Being a simple resistive divider or shunt the bandwidth of the Signal Converter and Voltage Transducers is maintained.
- Isolation to 1500 VAC rms when used with a Signal Converter or Voltage Transducer.

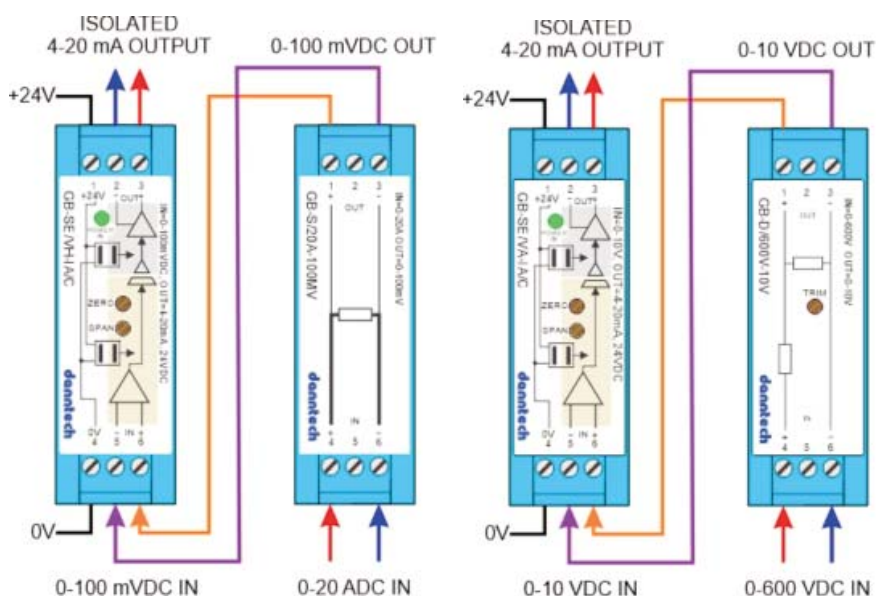
Standard versions are (AC or DC):

- 1000 V to 10 V
- 600 V to 10 V
- 230 V to 10 V
- 40 V to 10 V

- 20 A to 100 mV
- 10 A to 100 mV

SPECIFICATIONS:

- Standard voltage inputs up to 1000 V.
- Standard current inputs up to 25 A.
- Can be used with bipolar input signals
- Customized input and output ranges on request.
- Most suitable output for voltage dividers is 10 V for best accuracy with Signal Converters for DC and Voltage Transducers for AC.
- Best accuracy shunt output is 100 mV for Signal Converters for DC and Voltage Transducers for AC.
- Combined calibration certificate if purchased with a Signal Converter or Voltage Transducer.
- Operating temperature -10°C to 70°C.
- DIN rail mounting with dimensions 25 x 80 x 85 mm (W x H x D).



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