

# Voltage Converter



DCDC universal converter has been designed to transform a DC voltage in the 50mV÷80V range (also with positive to ground) to the 12mV÷6,5V range. This makes the DCDC converter suitable to work as a DC voltage probe. The most important feature are the DCDC converter very wide input range without ground limitations, and its optoisolated output. DCDC converter is usually connected in parallel to the equipment under control and the output range can be fine tuned to make the operation very flexible. It can be collocated according to the fitter discretion, but it is very comfortable inside the probes rack mount PBRACK, where, using the SUB-D 9 pin connector, it can be directly connected to the RDF equipment.

## SPECIFICATIONS



### Power requirement

12V @ 140mA

<i>Input voltage</i>	DC 50mV ÷ 80V (also with positive to ground)
<i>Output voltage</i>	DC 12mV ÷ 6,5V
<i>Precision</i>	DC/DC ±0,3%
<i>Input Impedance</i>	11MΩ
<i>IN/OUT Insulation</i>	5KV DC

### Dimensions

<i>Length</i>	170 mm
<i>Width</i>	50 mm
<i>Height</i>	25 mm

### ORDERING CODES

**DCDC**

Optically isolated DC/DC converter