



DC Current / Voltage Converter CYAVC-DC2000A

CYAVC-DC2000A is DC current/voltage converter, which converts DC current to DC voltage according to the fluxgate principle. The input current can be measured by measuring the output voltage. The converter has a good long-term stability and small temperature coefficient and is very suitable for DC current measurement and calibration of current measuring systems and current sensors. The maximal measuring current is 2000A with measuring accuracy of $\pm 0.02\%$.

It is recommended to use a 6.5-digit or higher digital voltmeter (or equivalent) for voltage measurement.

Technical Data

Input current range:	0 ~ 2000A DC
Aperture size for current input:	$\Phi 51\text{mm}$
Output voltage:	0 ~ 2V DC
Current/Voltage conversion rate:	1A/mV
Measuring uncertainty:	$\pm 0.02\%$ FS
Linearity:	$\pm 0.01\%$ FS
Offset current:	$\pm 10\text{mA}$
Power supply:	220V $\pm 10\%$, 50~60Hz
Operation temperature range:	20°C $\pm 2^\circ\text{C}$
Storage temperature:	18°C ~ 28°C
Relative humidity:	30 ~ 70%
Dimensions:	300 x 200 x 110mm (excluding handle size)
Unit weight:	5.23kg
Warranty term:	12 months after shipment date

