

MULTICHANNEL CURRENTS GENERATOR IN-SITU V(I) MONITORING

GEN-I

DESCRIPTION

The GEN-I system was designed in part for optical sources (lasers, LEDs,...). It enables to power supply up to 16 circuits while monitoring component terminal voltages.

The GEN-I system is used to inject a direct current (from 1mA to 1000mA) to a laser or a LED and to recover the value of the voltage at its terminals.

The rack includes up to 8 modules of 2 channels. It is also equipped with a USB communication module linked to a computer.



Your components to be controlled

Optoelectronic components
Lasers, LEDs
Electrical components

Applications

Multichannels current generator

MAIN CHARACTERISTICS

Specifications

- 16 independent channels in a single rack
- Rack 3U, L= 448,9, (L= 482,6 with fin)
- Variable current between 0mA and 1000mA
- Monitoring of the 16 voltages
- USB link and communication
- Rack 3U 19 inches
- 8 GenI modules – 2 channels per drawer
- 1 USB communication module

Advantages

Compact
Automated measurements
Wide range of current applications
Multiapplications

TYPE	DESCRIPTION	TYPE	DESCRIPTION
Monitoring	Voltage Voltage measurement stability at 25°C = 1% Resolution = 0,6 mV	Output current range	From 0 to 1000mA Resolution = 1mA
Operating temperature	+10°C to +40°C	Output maximum voltage	3.9V
Marking	CE		

Electrical safety & Training

AdvEOTec offers a training and implementation assistance for the use of its equipment.

Control

The equipment is controlled by order words from the user's computer (ASCII).

**Other configurations, contact us...*

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