

DCB104 - 4 CHANNELS CURRENT/VOLTAGE CONVERTER

The module DCB104 has 4 channels current to voltage converters. The module is housed in an aluminium box.

DCB104 has on the front panel 4 input connectors and on the backside one output connector and

one power connector. The module use only external power supply +24 Volt.

Special version DCB104C is a module with input and out put connectors BNC style.

PERFORMANCE

Number of channels 4

Input connectors 4 pins AMP style (High quality plastics)

Input current Up 500 nA (optional versions 1 mA, 2 mA)

Output signal From 0 to 10 Volt

Bandwidth 0,1-1Hz

Input resistance 50  $\Omega$

Linearity ( 0-500nA) < 0,05 %

Power supply + 24 V

Output resistance 50  $\Omega$

Max output current 12 mA

INPUT CONNECTOR

1	IN(even)
2	GND
3	GND
4	IN(odd)

OUTPUT CONNECTOR

1	GND
2	OUT4
3	GND
4	OUT3
5	GND
6	OUT2
7	GND
8	OUT1

POWER CONNECTOR

1	+24V
2	GND(24V)
3	REMOTE ON/OFF
4	EARTH

Note 1: EARTH directly connected to case.

Note 2: REMOTE ON/OFF:

**ON** 3.0 ... 12 VDC or open circuit;

**OFF** 0.0 ....1.2 VDC.



#### POWER SUPPLY REQUIREMENTS

The module has NIM standard power supply.

P. Voltage (V)	Current/ch (mA)
+24	

#### DIMENSIONS

dimensions	160x165x51,5 mm
weight	0,8 kg