

DCB108 - 8 CHANNELS CURRENT/VOLTAGE CONVERTER

The module DCB108 has 8 channels current to voltage converters. The module is housed in an aluminium box.

DCB108 has on the front panel 4 input connectors

and on the backside two output connectors and one power connector. The module use only external power supply +24 Volt.

PERFORMANCE

Number of channels 8

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 Ω

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

Power supply + 24 Volt

Output resistance 50 Ω

Max output current 12 mA

INPUT CONNECTOR

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

OUTPUT CONNECTOR

Ch1-8: Right connector

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

Ch1-8: Left connector

1	GND
2	OUT8
3	GND
4	OUT7
5	GND
6	OUT6
7	GND
8	OUT5

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 0.01.2 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