

DCB116 - 16 CHANNELS CURRENT/VOLTAGE CONVERTER

The module DCB116 has 16 channels current to voltage converters. The module is housed in an aluminium box.

DCB116 has on the front panel 8 input connectors

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

PERFORMANCE

Number of channels	16
Input connectors	4 pins AMP style (High quality plastics)
Input current	Up 500 nA (optional versions 1 mA, 2 mA)
Output signal	0 - 10 V
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

OUTPUT CONNECTOR

Ch9-16: Right connector

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

Ch9-16: 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

