

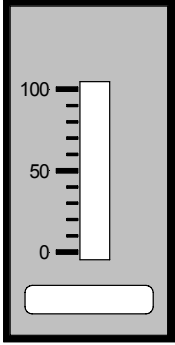
Bargraph Indicator direct voltage, direct current

- Standard: bar or dot indication
- Allows to be placed side by side in grid and mosaics systems
- Mounting into panels with thickness up to 50 mm

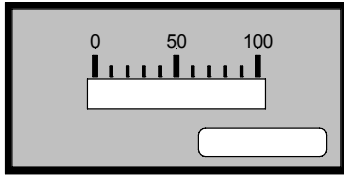
48x24

72x24

BVO1.001.776B



BHO1.001.776B



ORDER NUMBER OF TYPE

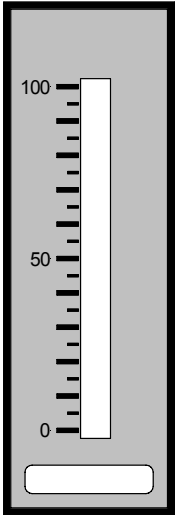
Power supply 24 VDC (48x24 vertically)

BVO 1.001.776B

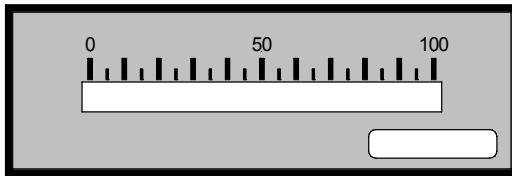
Power supply 24 VDC (48x24 horizontally)

BHO 1.001.776B

BVO2.001.576B



BHO2.001.576B



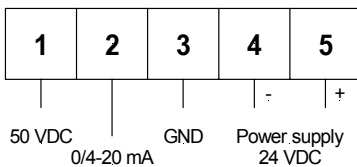
Power supply 24 VDC (72x24 vertically)

BVO 2.001.576B

Power supply 24 VDC (72x24 horizontally)

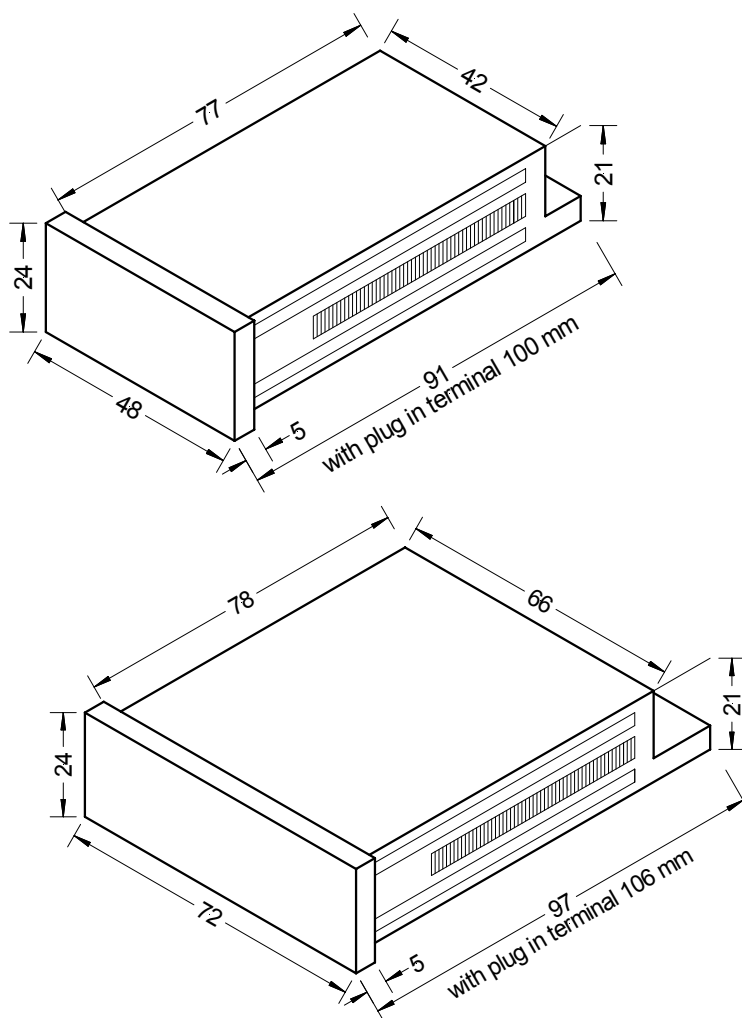
BHO 2.001.576B

Connection



Technical data

Dimensions	Housing	72 x 24 x 106 mm, including screw terminal
	Assembly cut out	68 ^{+0.7} x 22.2 ^{+0.3} mm
	Housing	48 x 24 x 100 mm, including screw terminal
	Assembly cut out	45.0 ^{+0.6} x 22.2 ^{+0.3} mm
	Fastening	special quick plastic clamp proper to fix in wall thickness up to 50 mm
	Housing material	PC/ABS-plastics blend, colour black, UL94V-0
(72x24) (48x24)	Protective system	at the front IP40
	Weight	connection IP00
Input	Weight	approx. 80 g
	Connection	approx. 60 g
	Measuring range	at the rear side via plug in terminal up to 1.5 mm ²
Accuracy	Input resistance	0...50 V (U _{min} =5 V, U _{max} =60 V); 0/4...20 mA (I _{min} =8 mA, I _{max} =25 mA) all ranges are selectable via connection terminal / offset adjustment supported by offset potentiometer
	Resolution	Ri with 50 V = 100 K Ω 20 mA = 100 Ω
(72x24) (48x24)	Resolution	20 digit
Power unit	Resolution	10 digit
	Measuring fault	+/- 1 digit
	Temperature drift	100 ppm/K
	Supply voltage	24 VDC +/-10 % galvanic insulated
Indication	Power consumption	approx. 1.5 VA
	Display	bar indication 20 digit red / optionally green
(72x24) (48x24)	Display	bar indication 10 digit red / optionally green
Ambient conditions	Working temperature	0 up to + 60 °C
	Storing temperature	-20 up to + 80 °C
Housing:		



CE-sign

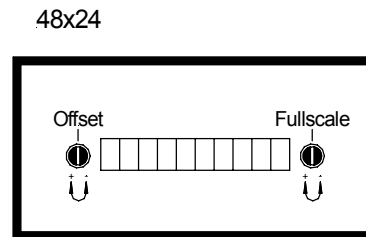
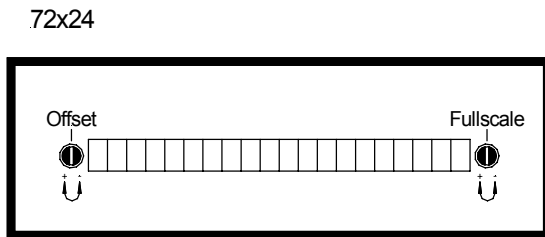
For unlimited use of the instrument within the directives for electromagnetic compatibility 89/336/EC analogue input wires have to be used with shielded cable and cable's shield connected to earth ground at one end only.

Handling, connection diagrams

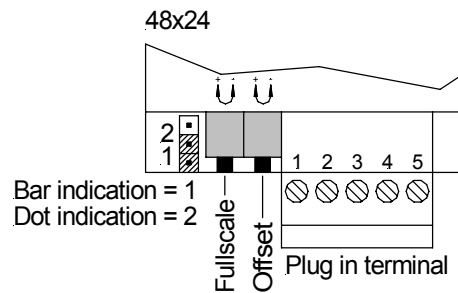
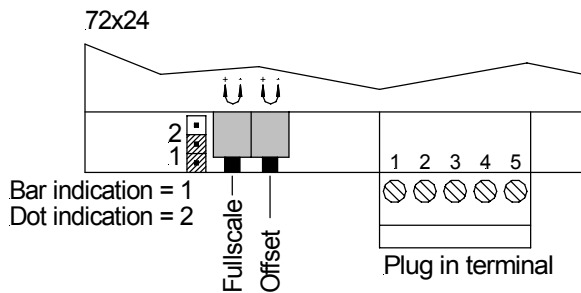
Description:

1. Connect the instrument according to the wiring diagram and turn power on.
2. Setting of display value in the case of **IP40** and **IP54**: Detach the front pane with a small screwdriver leading between front panel and housing frame.
3. Set the desired offset value (input voltage/current) and adjust the desired indication value by means of the offset potentiometer.
4. Set the desired full scale value (input voltage/current) and adjust the desired indication value by means of the full scale potentiometer.
5. In order to achieve a full display a least tension of 5 V and/or least current of 8 mA is required at the measuring inputs.
6. Insert front pane cautiously again. (it only applies to IP40 and IP54)

Setting options front side (IP40 and IP54)



Setting options rear side (IP65)



Connection diagrams

2-wire: 4-20 mA

3-wire: 0-20 mA
4-20 mA

3-wire: 0-10 V/0-5 V
1-6 V

