



MV-I 20mA.10V

## Terminal

Plug-screw terminal 8pin  
max. 2,5 qmm

Adjust gain slope  
Adjust offset / zero  
LED output

1: output + 10V  
2: output - GND  
3: output + 20mA

4: input + 20mA  
5: input - 20mA

6: out +22V  
supply for ext. transmitter  
(see AN B 200)

7-8: supply 24V AC/DC  
LED power supply

## Technical Data

Input, pin 4-5	0-20mA DC, max. 50mA
Input load impedance	50 ohm
Output, pin 6	+22V DC, max. 30mA
Supply for ext. transmitter	2 or 3 wire sensor (AN B200)
Output, pin 1-2	0-10V (2-10V)DC, max. 20mA
Output, pin 2-3	0-20mA (4-20mA) DC
Output load resistor	max. 800 ohm, pin 2-3
Precision	0,2%
Power supply	24V AC/DC, +-15%
Power current	max. 70mA
Isolation supply	500 Vss
Operating temperature	-10 - +50°C
Storage temperature	-30 - +80°C
Construction	PCB mount. TS35, EN50022
Weight	110g
Dimensions	24 x 72 x 94 mm (WxHxD)

Buffer amplifier, converter for DC current input. Gain correction, offset-correction effect parallel shifting of the curve. Order the input and the output value for calibration, 0-20mA or 4-20mA to 0-10V / 0-20mA or 2-10V / 4-20mA. No electrical isolation between Input and Outputs. Pin 2 and pin 5 are internal jumpered (GND). See sheet AN B100. Electrical isolation to power supply. LED green = power supply, LED red = output value.

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### **MEASURING AMPLIFIER MV-I .. . .**

Order input and output value, ask for other values.  
Input 0-20mA or 4-20mA DC  
Output 0-10V, 0-20mA or 2-10V, 4-20mA DC  
Power supply 24 V AC/DC

**B 201**

E\_MV-I

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