



MV-U10V.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 + 10V
5: input - 10V

6: out +22V
supply for ext. transmitter

7-8: supply 24V AC/DC

LED power supply

Technical Data

Input, pin 4-5 0-10V or 2-10V, max.40V
Input load impedance 1 M Ohm

Output, pin 6 +22V DC, max. 30mA
Supply for ext. transmitter (3 wire sensor)

Output, pin 1-2 0-10V or 2-10V
Output current 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 voltage 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 output. 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-U... ..

Order input and output value, ask for other values.

Input 0-10V or 2-10V DC

Output 0-10V, 0-20mA or 2-10V, 4-20mA DC

Power supply 24 V AC/DC

B 101

E_MV-U

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