



TV-U-INV 10V.10V

Terminal

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

Adjust gain slope
Adjust rotation point
LED red output value

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 green power supply

Technical Data

Input, pin 4-5	10-0V DC,
Input resistance	1 M Ohm
Output, pin 6	+22V DC, max. 30mA
Supply for ext. transmitter	(pressure sensor)
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. 90mA
Isolation in – out - 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)

Isolation amplifier, with inverted output, converter for DC voltage input. Input to output is inverted.

Order the input and the output value for calibration, 0-10V to 10-0V / 20-0mA or 2-10V to 10-2V /20-4mA.

Offset-correction affects rotation point of the curve, gain-correction affect the slope of the curve, see sheet AN B100.

Electrical isolation between input, output and power supply, three-port-isolation. LED green = power supply, LED red = output.

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ISOLATION AMPLIFIER / INVERTER TV-U-INV

Order input and output value, ask for other values.

Input	10-0V or 10-2V DC
Output	0-10V, 0-20mA or 2-10V, 4-20mA DC
Power supply	24 V AC/DC

B 105

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