



TV-LU60mV.0.10V

## Terminal

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

Adjust gain slope  
Adjust offset / zero  
LED output value

1: Output 1 + 10V  
2: Output - (GND)  
3: Output 2 + 20mA

4: Input + ..mV  
5: Input - ..mV

6: /

7-8: supply 24V AC/DC

LED power supply

## Technical Data

Input, pin 4-5  
Input value

0-60mV DC, 0-100mV  
or to the order

Input resistance

1 M Ohm

Output 1, pin 1-2  
Output current

0-10V (2-10V)DC  
max. 0-20mA

Output 2, pin 3-2  
Output load resistor

0-20mA (4-20mA) DC  
max. 800 Ohm

Precision

0,2%

Power supply

24V AC/DC, +-15%

Power current

max. 80mA

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, three port isolation, input, output and supply. Input: ... mV DC, output nominal voltage and current. Offset-correction = parallel shifting of the output curve, gain-correction = slope of the output curve, see sheet AN B100. Order the input and output value for the calibration: input ...mV, output 0-10V / 0-20mA or 2-10V / 4-20mA. LED green = power supply, LED red = output value.

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### **ISOLATION AMPLIFIER TV-LU .. . .**

Input	0-60mV, 0-100mV (from Shunt)	or to custom order
Output 1	0-10V or 2-10V DC	"
Output 2	0-20mA or 4-20mA DC	"
Power supply	24 V AC/DC	

**B 103**

E\_TV-LU

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