



TV-PT1000.2xOUT

Terminals

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

2x Adjust gain slope
2x Adjust offset / zero
2x LED red, output

A/B1: + OUT 1/3, 2x 10V
A/B2: - (GND) OUT 1-2 / 3-4
A/B3: + OUT 2/4, 2x 20mA

B4: IN, PT1000 Sensor
B5: IN, PT1000 Sensor
B6: connect to B4
(sensor current)

B7-8: SUPPLY 24V AC/DC
LED green, supply

Technical Data

IN, pin B4-5-6
two-wire connection:

pin B4-5: PT1000
connect B4 to B6
(sensor current)

OUT 1/3, Kl. A/B1-2
output current:

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

OUT 2/4, Kl. A/B3-2
load impedance:

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

Precision

0,3%

Linearity

DIN 43 760

Power supply

24V AC/DC, +-15%

Current input

max. 140mA

Isolation to power

1000 Vss

Operating temperature

-10 - +50°C

Storage temperature

-30 - +80°C

Housing

PCB, TS35, EN50022

Weight

150g

Dimensions

48 x 72 x 94 mm (BxHxT)

Isolation amplifier for PT1000 to 2x voltage- und 2x current-signals. Klemme B6 mit Klemme B4 brücken.
Order the input temperature range and the output value for calibration (min. -100 – max. +800°C).
Example: Input PT1000 temperature range 0-100°C to 2-10V, 4-20mA (smallest range 40 Kelvin).
Electrical isolation between input, output and power supply, three-port-isolation.

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B 303.5

E_TV-
PT1000_2xOUT

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ISOLATION AMPLIFIER TV-PT1000.2xOUT

Input	PT1000 sensor (order temperature range)
Output 1 / 3	0-10V oder 2-10V DC please order value
Output 2 / 4	0-20mA oder 4-20mA DC “
Power supply	24 V AC/DC