



TV-NI1000. ...

Terminal

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

Adjust gain slope
Adjust offset / zero
LED red, output

- 1: output 1, + 10V
- 2: output - (GND)
- 3: output 2, + 20mA
- 4: input, NI1000 sensor
- 5: input, NI1000 sensor
- 6: connect to pin 4
(sensor current)

7-8: power supply 24V

LED green, power supply

Technical Data

Input, pin 4-5-6

Pin4-5: NI1000
connect pin 4 to pin 6

Output 1, pin 1-2
Output current

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

Output 2, pin 3-2
Output load resistor

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

Precision
Linearity

0,3 %
DIN 43 760

Power supply
Power current

24V AC/DC, +-15%
max. 70mA

Isolation to power
Operating temperature
Storage temperature
Construction
Weight
Dimensions

500 Vss
-10 - +50°C
-30 - +80°C
PCB mount. TS35, EN50022
110g
24 x 72 x 94 mm (WxHxD)

Converter isolation amplifier for NI1000 to standard signals. For gain correction and offset correction see AN B100. Order the input temperature range and the output value for calibration (min. -100 – max. +800°C). Example: Input NI1000 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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CONVERTER TV-NI1000. ..

Input	NI1000 (Typ TK5000 or DIN43760) please specify
Output 1	0-10V or 2-10V DC please order value
Output 2	0-20mA or 4-20mA DC “
Power supply	24 V AC/DC

B 304.2

E_TV-NI1000

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