



MV-NTC....

Terminal

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

Adjust gain slope
Adjust offset / zero
LED output

1: output + 10V
2: output - GND
3: output + 20mA

4: input 1, NTC... sensor
5: input 2, NTC... sensor
6: sensor supply
pin 4/6 must be connected
together (sensor supply)

7-8: supply 24V AC/DC

LED power supply

Technical Data

Input, pin 4-5-6
sensor
temperature value

Output, pin 1-2
Output current

Output, pin 2-3
Output load resistor

Power supply
Power current
Isolation supply
Operating temperature
Storage temperature
Construction
Weight
Dimensions

pin 4-5: NTC... sensor
pin 4 to 6 connect together
order the value

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

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

24V AC/DC, +-15%
max. 70mA
500 Vss
-10 - +50°C
-30 - +80°C
PCB mount. TS35, EN50022
110g
24 x 72 x 94 mm (WxHxD)

Converter for NTC.. sensor, gain correction, offset-correction effect parallel shifting of the curve, see sheet AN-B100.
Order the input temperature range and the output value for calibration.

Example: Input NTC20k (20 kOhm/25°C) temperature range 0-100°C to 0-10V / 0-20mA (smallest range is 40 Kelvin).
Electrical isolation to power supply.

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CONVERTER MV-NTC...

order the NTC sensor type, example: NTC 20k.0-100°C

Input NTC...sensor (type + temperature range)
Output 0-10V, 0-20mA or 2-10V, 4-20mA DC
Power supply 24 V AC/DC

B 308

E_MV-NTC

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