



MV-KP250....

## 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, KP250 sensor  
5: input 2, KP250 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

Precision

Power supply  
Power current

Isolation supply  
Operating temperature  
Storage temperature  
Construction  
Weight  
Dimensions

pin 4-5: KP250 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

0,3%

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 KP250 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 KP250 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-KP250...**

Input KP250 temperature sensor  
Output 0-10V, 0-20mA or 2-10V, 4-20mA DC  
Power supply 24 V AC/DC

**B 305**

E\_MV-KP250

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