



MO-MV-THERMO

Connection terminal

Plug-screw terminal
4 pin, max. 1,5 qmm

Adjust gain slope

Adjust offset / Zero

- 1: Current loop out, 4-20mA
 - 2: Current loop out, 4-20mA
 - 3: Thermocouple +
 - 4: Thermocouple -
- Cold junction compensation

Technical Data

Input, pin 3-4	Thermocouple
Order thermocouple type and measuring range	
Thermocouple:	
Type E	60,9 $\mu\text{V} / ^\circ\text{C}$, NiCr-CuNi
Type J	51,7 $\mu\text{V} / ^\circ\text{C}$, Fe-CuNi
Type K, T	40,6 $\mu\text{V} / ^\circ\text{C}$, NiCr-Ni, Cu-CuNi
Type R, S	5,95 $\mu\text{V} / ^\circ\text{C}$, Pt13RhPt, Pt10-PtRh
Output, pin 1-2	
Current loop supply	4-20mA, 2 wire
Voltage range output	15-40V DC (to load resistor) current loop powered
Precision	2 %
Operating temperature	-10 - +50°C
Storage temperature	-30 - +80°C
Construction	PCB module
Weight	80g
Dimensions	55 x 25 x 30 mm (BxHxT)

Temperature transmitter for thermocouple sensor with cold junction compensation to 4-20mA current loop output. Small module for direct built in to a connection box. Gain correction and offset correction, see sheet AN B100. Order the thermocouple type and the measuring range to 4-20mA. Output 4-20mA current loop powered supply.

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CONVERTER MO-MV-THERMO...

Construction build in module

Input Thermocouple, order type and measuring range

Output 4-20mA, current loop powered