



## Temperature transmitter housing for Pt100, 0 – 10V/4 – 20mA

### Application

The temperature transmitter is built for temperature sensors (Pt100). The transmitter fits in housings like type G1. The signal output can be changed by DIP-switch into 0-10V, resp. 4-20mA. It's possible to select 4 different temperature ranges by a second DIP-switch.

### Technical specifications:

Input:	Pt100 (A or B DIN EN 60751)
Temperature coefficient:	3850 ppm/K
Connection:	3-wire
Measuring current:	typ. 1mA, max. 5 mA
Power supply:	24 VAC (output voltage) 16-32 VDC (output voltage and output current)
Current consumption:	max. 4 mA by 24 VDC
Measuring current:	max. 600 µA
Measuring area:	0...50°C, -50...+50°C, 0...100°C, 0...160°C (DIP-switch)
Signal output:	0 – 10 V, resp. 4 - 20mA (DIP-switch)
Inaccuracy @25°C:	0,2K + max. 1% v.E., typ. max. 0,7K
Operating temperature range:	-30 ... 70°C (with IP65 housing type G1)
Connection,	0,14 – 1,5 mm <sup>2</sup>
Resolution AD:	16 Bit
Dimensions:	64x58x36mm (L x B x H)

