

Temperature transmitter is an integral element of temperature sensor, available also as a separate component. It converts temperature sensor signal to analogue 4÷20mA, voltage 0÷10V or different signal. Transmitter can be placed directly in connection head or on TS-35mm rail.

## Specification

### Characteristic

- universal transmitter
- mounting in connection head BA: MINIPAQ-HLP
- mounting on a 35 mm rail: MINIPAQ-L
- configurable range

### Input

RTD: Pt100, Pt1000 3–, 4– wire connector  
TC: E, J, K, L, T, U, B, R, S, N

### Output

4÷20mA

### Measuring range

-200÷1000°C Pt100 minimal 10°C  
acc. to operating range for TC, mV, minimal 2 mV

### Zero point adjustment

in full range

### Accuracy

0,15 % of temperature range

### Response time

0,2 s

### Galvanic isolation

not present

### Max. loop resistance

$R_{L\ max} = (U_{\ supply} - 8) / 0,022 \ [ \Omega ]$

### Lead wire connection

<2,5 mm<sup>2</sup>

### Power supply

8÷32V DC

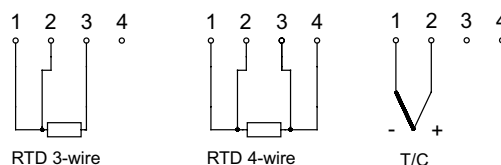
### Operating conditions

temperature: -20÷85°C  
humidity: do 95% RH non-condensing

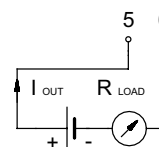


## CONNECTION SCHEMES

### Input connections:



### Output connections:



**Product code**

		<b>Transmitters version</b>	
1	□	<b>L</b>	35mm rail mounted
		<b>HLP</b>	head mounted
		<b>Temperature range</b>	
2	□	<b>(0÷300)°C</b>	(0÷300)°C
			other parameters acc. to requirements
		<b>Input type</b>	
3	□	<b>J</b>	J
		<b>K</b>	K
		<b>L</b>	L
		<b>N</b>	N
		<b>T</b>	T
			other parameters acc. to requirements
		<b>Equipment</b>	
4	□	<b>A</b>	with adapter for 35 mm rail mounting

1      2      3      4

MINIPAQ - □ - □ - □ - □

Ordering example:                      **Transmitter MINIPAQ-HLP-(0÷600)°C-J**