

ROOM TEMPERATURE TRANSMITTER TEHR L 0/50-PL

TEHR L 0/50-PL has been made for automatic HVAC systems to detect and adjust room temperatures.

Either 4...20 or 0...10 V signals can be selected as the outputs at the commissioning.

As options are available a push button and LCD display or led.

Mounting can be made on surface or on a flush mounted box.



Wiring and codings for outputs and display

TEHR L 0/50-PL			
Date:	<input type="checkbox"/>	-N	
Prog:			
1	24 Vac/dc	CE	
2	0 V		
3	PL out	0...100%	
4	L out	0...50°C	
Outputs Coding			
PL / L out	S4	S3	S2
0-10V	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4-20mA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
S1	<input type="checkbox"/> Display = %...°C... <input type="checkbox"/> Display = % or °C		

Technical data:

Supply	24 Vac/dc +/-10%
Sensor	NTC 10, for active output
Temperature range	0...+50°C
Potentiometer range	0...100%
Accuracy (output 2)	± 0.5 °C (at 25 °C)
Transmitters	3-wire
Output 1	Potentiometer 0-10V 0,5mA / 4...20mA, R < 500 ohm
Output 2	Temperature 0-10V 0,5mA / 4...20mA, R < 500 ohm
Housing, protection class	ABS plastics, IP 20

Wiring:

1	supply 24V ac/dc
2	0V
3	output 0...10Vdc/4...20mA, potentiometer
4	output 0...10Vdc/4...20mA, temperature
8	+ LED
9	- LED
10	push button
11	push button

Ordering guide:

Model	Product number	Description
TEHR L 0/50-PL	1170060	room temperature transmitter, with potentiometer and active outputs
TEHR -N	1170140	optional LCD display
TEHR-L	1170100	optional LED
TEHR-S	1170080	optional push button

Products fulfill the requirements of directive 2004/108/EY and are in accordance with the standards EN61000-6-3: 2001 (Emission) and EN61000-6-2: 2001 (Immunity).

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