ELECTRONICS
REGULATION
MEASUREMENT
AUTOMATION

INSTRUCTIONS

THERMOMETERS FOR FLUES
with connection head type A

TD

ORDER NUMBER
- TD2x.x1.xx

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Hrvatska



Basic characteristics:

- Operating temperature 0 - 700 °C
- Connection head Tip B
- Dimensions 380 - 1400 mm
- With one or two measuring elements
- **With replacable measuring insert**
- Available with transmitter (4-20mA)
- Pt100 temperature sensor according to DIN EN 60751
- Thermocouples according to DIN EN 60584 or DIN 43710.

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1 DESCRIPTION

The main purpose is to measure the temperature of gases. The most common applications are measuring of temperature in kilns for brick production, furnaces for ceramics, the temperature of flue gases in the boiler chimneys, and various air chambers. Pt100 temperature sensor according to DIN EN 60751, thermocouple (elements) according to DIN EN 60584 or DIN 43710.

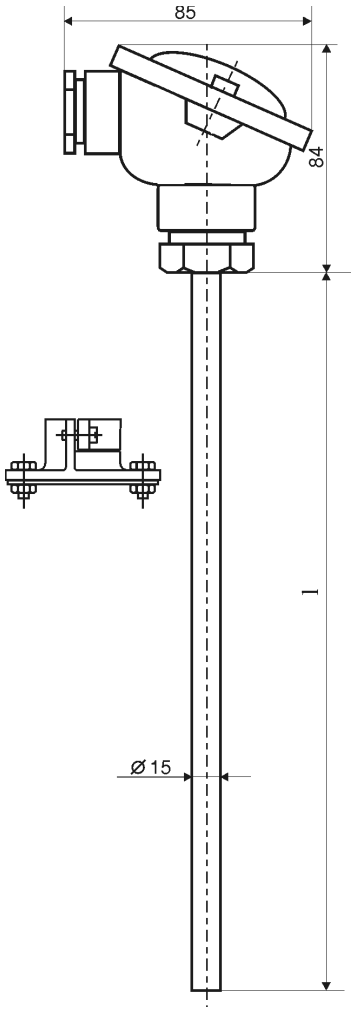
2 TECHNICAL DATA

Connection head	Tip B	
Measuring element	Pt100	Pt100 x 2
	Fe-CuNi	Fe-CuNi x 2
	Ni-CrNi	Ni-CrNi x 2
Sheath type, Diameter	Stainless	
	W.Nr.1.4301	∅ 15 mm
	W.Nr.1.4841	∅ 15 mm
	Enameled	∅ 15 mm
Operating temperature	Pt100	0 - 400 °C
		0 - 650 °C
	Fe-CuNi	0 - 700 °C
	Ni-CrNi	0 - 700 °C
Standard lenghts [L]	L = 380 mm	
	L = 500 mm	
	L = 710 mm	
	L = 1000 mm	
	L = 1400 mm	
Method of installation	Flange (supplied on request)	

3 ORDER NUMBER

Thermometers for flues	TD	x	x	x	x	x	x
Connection head	Tip B	2					
Type of sensor	Pt100		1				
	Fe-CuNi		3				
	Ni-CrNI		4				
Operating temperature	400 °C			1			
	650 °C			2			
	700 °C			3			
	700 °C			4			
Sheath tube	W.Nr.1.4841 ∅ 15				0		
	W.Nr.1.4301 ∅ 15				1		
	Enameled ∅ 15				2		
Length Measuring part (L)	380 mm					0	
	500 mm					1	
	710 mm					2	
	1000 mm					3	
	1400 mm					4	
Number of thermoelements	Single						1
	Dual						2

4 DIMENSIONS



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