



RESISTANCE THERMOMETER with connection LEMO Type TOP-WTW-92

Resistance thermometer with LEMO connection type TOP-WTW-92 has been designed for temperature measurement in various environments, both in industry and laboratory.

LEMO connection is fixed on the thermometer protection tube and allows connection to cable.

Model	Execution
I	With basic protection tube
II	With protection tube with sleeve
I/Exi	Intrinsic safe with basic protection tube
II/Exi	Intrinsic safe with protection tube with sleeve

THERMOMETER SPECIFICATION

Resistor	Version	Characteristic	Measuring range	Accuracy class	Maximum sensor current	Lead wire configuration
1xPt100 2xPt100	standard shockproof	wg PN-EN-60751	from -200°C to +600°C	B	8 mA	2 wire
				A	5 mA	
			-50°C..+150°C	1/3 B DIN	2 mA	3, 4 wire

Protection tube

Model	Diameter d, d ₂ /d ₁	Length L	Material acc. WNr / DIN	Material acc. ASTM / AISI
I	Ø3; Ø3,5; Ø4; Ø5; Ø6	as per client request	1.4571	316 Ti
II	Ø4/3; Ø6/5; Ø8/6			

Connection

Type	Models
LEMO	0S, 1S, 2S

NOTE: Non-standard models available

Ordering Information

TOP-WTW-92 - A - B - C - D - E - F - G - H

A. Execution		A
	With basic protection tube	I
	With protection tube with sleeve	II
	Intrinsic safe with basic protection tube	I/Exi
	Intrinsic safe with protection tube with sleeve	II/Exi
B. Resistor		B
	Single	1xPt100
	Double	2xPt100
C. Class		C
	B	B
	A	A
	1/3 B DIN	1/3 B DIN
D. Configuration		D
	2 - wire	2p
	3 - wire	3p
	4 - wire	4p
E. Protection tube diameter d, d₂/d₁		E
	Ø 3	3
	Ø 3,5	3,5
	Ø 4	4
	Ø 5	5
	Ø 6	6
	Ø 4/3	4/3
	Ø 6/5	6/5
	Ø 8/6	8/6
F. Protection tube length L		F
	L	specify in mm
G. Connection LEMO		G
	0S	0S
	1S	1S
	2S	2S
H. Sensor version		H
	standard	Z
	shockproof	W

NOTE: In case demand on LEMO Plug or plug with extention cable, it should be marked in order.

Ordering Example

TOP-WTW-92-I-1xPt100-B-2p-4-150-1S-Z

stands for: **Resistance thermometer with basic protection tube, with resistor 1 x Pt100 class B, configuration 2-wire, protection tube diameter ϕ 4 mm, length 150 mm, connection LEMO 1S, standard sensor version.**