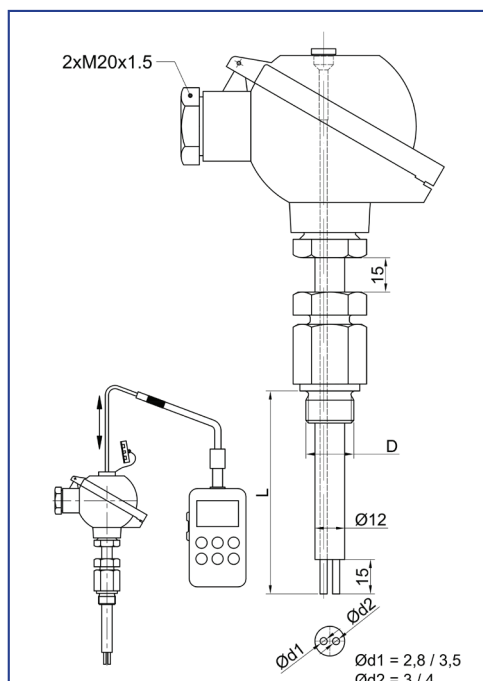


TOP-PKG-100

Resistance Thermometer Pt100



Sheathed resistance thermometer with in-line inspection, with collar, cap nut and screw joint, optional adjustable cable exit direction. Connection head have two cable glands M20x1,5 and inside there is a ceramic block with two 3 wire Pt100 sensor outputs. The sensor is dedicated for tire industries.

Model	Execution	Insert type
PS	with replaceable insert	WP-OP-01/PS

Technical specification

RTD type	Characteristic	Version	Measuring range	Accuracy class	Max. sensor current	Lead wire config.
2xPt100	acc. EN-60751	shockproof	0°C..+220°C	B	5 mA	2x 3 wire
				A		
				1/3B (AA)		
				1/5 B		
				1/10 B		

Protection tube diameter [mm]	Material acc. DIN/AISI	Process connection thread D
Ø12	1.4571/316Ti	on request (e.g. M20x1,5, M27x2, G1/2", G3/4", G3/8')

Sheathed measuring insert diameter [mm]	Material acc. DIN/AISI	Length L [mm]	Connection head	Max operating temp.	Transmitter
Ø3	1.4571/316Ti	on request	DANDwin	+100°C	on request
Ø2,8 (inspection entry)					

Ingress protection

IP67

Non-standard models available.

www.alf-sensor.com

Ordering Information

TOP-PKG-100	A	B	C	D	E	F	G	H	I	J	K	L
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A Execution	
PS	With replaceable insert

B Resistor	
2xPt100	Double Pt100

C Class	
B	B
A	A
1/3B	1/3B (AA)
1/5B	1/5 B
1/10B	1/10 B

D Lead wire configuration	
2x3p	2 x 3-wire

E Protection tube diameter d	
12	d= 12 mm

F Protection tube length L	
	specify in [mm]

G Protection tube material	
1.4571	1.4571 / 316Ti

H Process connection thread D	
	specify type of thread

I Connection head	
DANDwin	DANDwin

J Operating temperature	
	specify in °C

K Transmitter	
	specify type and temp. range in °C

L Version	
W	Shockproof (thin-film element)

Ordering Example

TOP-PKG-100-PS-2xPt100-1/10B-2x3p-12-250-1.4571-M20x1,5-DANDwin-W

stands for: RTD with replaceable insert, with double resistor class 1/10B, 2x3 wire lead configuration, protection tube diameter 12 mm,, length 250 mm, material 1.4571, process connection M20x1.5, connection head type DANDwin, shockproof (thin-film element).