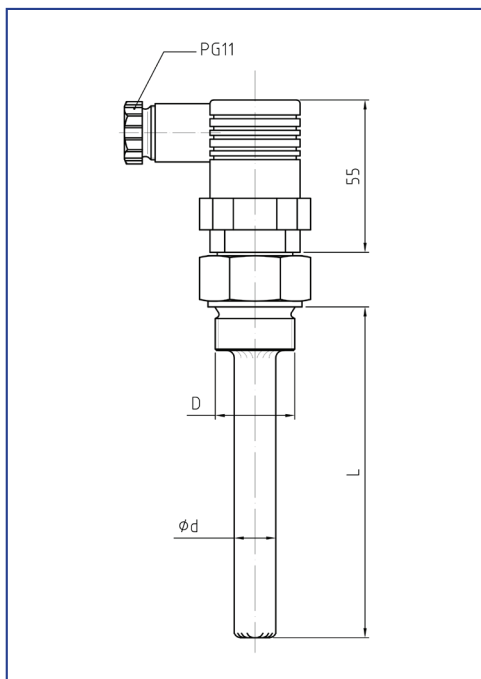


TOP-GDM-201

Resistance Thermometer Pt100 with rectangular connector



Resistance thermometer Pt-100 with rectangular connector is for temperature measurement of machines, instruments, gases, liquids and solids, both in industry and in laboratory conditions.

Thermometer has rectangular connection of firm Hirschmann type GDM protection IP65, allowing cable disconnecting, miniaturization of sensor and working in difficult conditions.

Technical specification

RTD type	Version	Characteristic	Measuring range (standard/*shockproof)	Accuracy class	Max. sensor current	Lead wire config.
1xPt100	standard / *shockproof	acc. EN-60751	-50°C..+300°C / *(-50°C..+300°C)	B	8 mA	2, 3, 4 wire
			-50°C..+250°C / *(0°C..+150°C)	A	5 mA	3, 4 wire
				1/3B (AA)	3 mA	

Protect. tube diam. d	Material acc. DIN/AISI	Immersion length L [mm]	Process connection thread D
ø4, ø6, ø8, ø9, ø10	1.4571/316Ti	on request	on request (e.g. M14x1,5, M20x1,5, G1/2", 1/2"NPT)

Connector	Ingress Protection
GDM (firm Hirschmann)	IP65

Non-standard models available.

Ordering Information

TOP-GDM-201	A	B	C	D	E	F	G	H	I
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A Resistor	
1xPt100	Single Pt100
2xPt100	Double Pt100

B Class	
B	B
A	A
1/3B	1/3B (AA)

C Lead wire configuration	
2p	2-wire
3p	3-wire
4p	4-wire

D Protection tube diam. d	
4	d= 4 mm
6	d= 6 mm
8	d= 8 mm
9	d= 9 mm
10	d= 10 mm

E Immersion length L	
	specify in [mm]

F Protection tube material	
1.4571	1.4571 / 316Ti

G Process connection thread D	
	specify type of thread

H Operating temperature	
	specify in °C

I Version	
Z	Standard (ceramic wire wound element)
W	Shockproof (thin-film element)

Ordering Example

TOP-GDM-201-1xPt100-A-3p-6-150-1.4571-M20x1,5-250-Z

stands for: Resistance thermometer, with resistor 1xPt100, class A, configuration 3-wire, protection tube diameter d=ø6 mm, immersion length L=150 mm, tube material 1.4571, thread M20x1,5, operating temp. up to 250°C, standard sensor version (ceramic wire wound element).