



APPLICATIONS

- For direct installation into the process
- Bearing
- Machine building
- Motors
- Pipelines and vessels

SPECIFICATIONS

Type
PT-6

Material
Process connection: Stainless steel
Head form A DIN Plug with PG-9 Electrical connection

Accuracy class
Standard class A*

Scale ranges
max. 200°C

Process connection
No connection, plain stem, G 1/2", G3/4", G3/8"

DESCRIPTION

The DIN Plug 3-wire PT100 Resistance Thermometer is particularly suitable for those applications in which the metal PT100 sensor tip is mounted directly into bored holes (e.g. in machine components) or directly into the process for any application with no chemically aggressive media or abrasion.

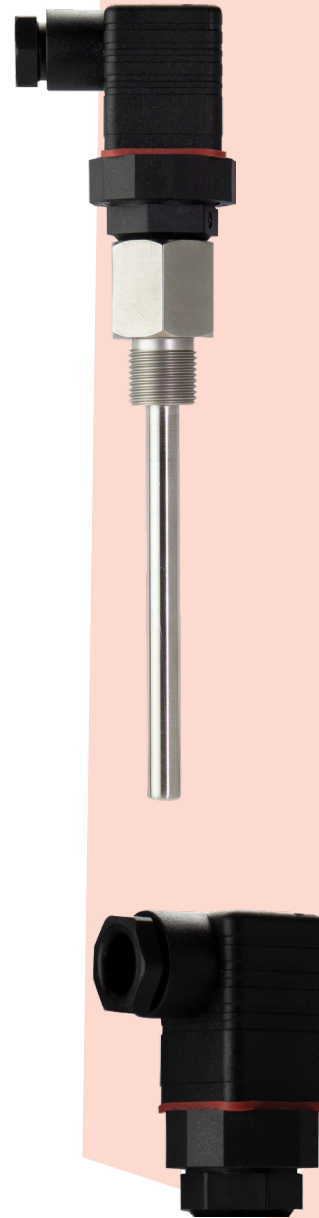
Insertion of the DIN Plug 3-wire PT100 Resistance Thermometer without thermowell is only recommended in specific applications. By usage of aggressive or non-stoppable process make use of a thermowell.

FEATURES

- Sensor ranges max. 200°C (392°F)
- For insertion, screw-in with optional process connection
- A DIN Plug with PG-9 Electrical connection

OPTIONS

- Accuracy class B or AA available on request*
- Calibration certificate (national and international standards)



PT-6 DIN-PLUG RESISTANCE
THERMOMETER

TYPE

PT-2 resistance thermo
meter (MA-head)

CONNECTION METHOD

Single elements

1 x 2-wire
1 x 3-wire
1 x 4-wire

MEASURING ELEMENT

Pt-100

METAL PROBE

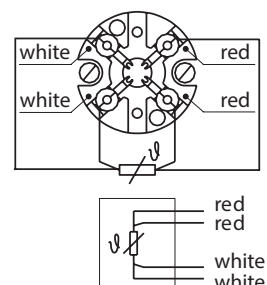
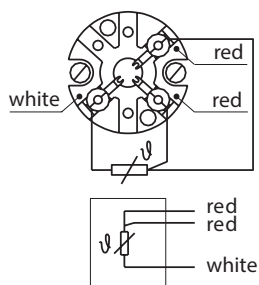
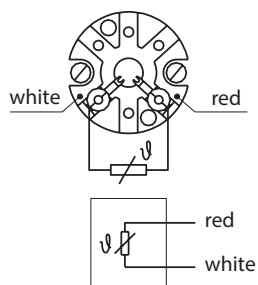
Material: Stainless steel
Diameter: 6*, 8, 10, 12 mm
Length: Selectable

*Only possible for thermometers without thermowell

Electrical connection (colour code per IEC/EN 60751)

Connection head

1 x Pt100, 2-wire

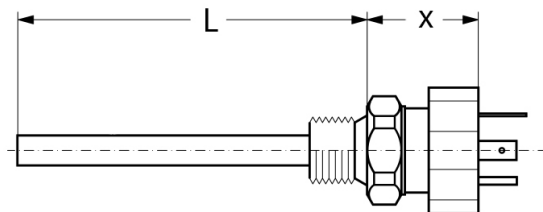


TYPE

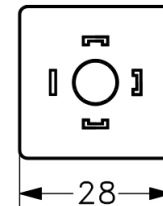
PT-2 resistance thermo
meter (MA-head)

CABLE ENTRY	COLOUR	INGRESS PROTECTION (MAX.)	MIN. / MAX. AMBIENT TEMPERATURE	CABLE ENTRY THREAD SIZE
Standard cable entry	Blank	IP65	-40...80 °C	M16 x 1.5

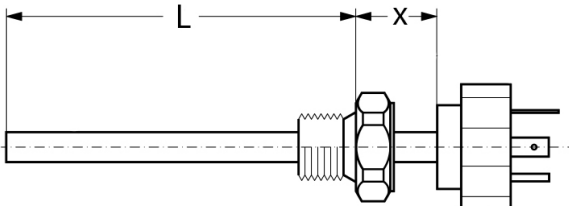
Without extension length



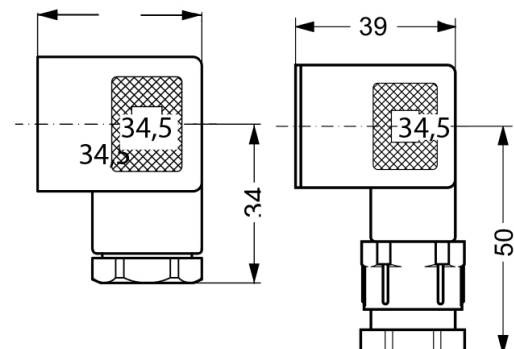
Gasket



With extension length



Plugs



Without Thermowell

This version is designed mainly for mounting in one of the available compression fittings.

Material: Stainless Steel

Stainless steel ferrules can be adjusted once; they have been unscrewed, sliding along the sheat is no longer possible.

- Max. temperature at process connection 550 °C

With Thermowell

This version is designed mainly for mounting in one of the available compression fittings.

Since the compression fitting is movable on the probe, the L and X dimensions define the as-delivered condition. The length of the compression fitting determines the smallest possible neck length X of approx. 40 mm.

Material: Stainless Steel

Stainless steel ferrules can be adjusted once; they have been unscrewed, sliding along the sheat is no longer possible.

- Max. temperature at process connection 550 °C

TYPE

PT-2 resistance thermo
meter (MA-head)

Item	Code	Notes	XXX	XXX	XX	X	XX
Product							
Electric head resistance thermometer	PT6						
Measuring Element							
3-wire	3LT						
4-wire	4LT						
Insert diameter		(Only fixed insert)					
6 mm	06						
8 mm	08						
10 mm	10						
12 mm	12						
Fixed connection							
Without	X						
6 mm G3/8" RVS	A						
8 mm G3/8" RVS	B						
10 mm G3/8" RVS	C						
12 mm G3/8" RVS	D						
6 mm G1/2" RVS	E						
8 mm G1/2" RVS	F						
10 mm G1/2" RVS	G						
12 mm G1/2" RVS	H						
6 mm G3/4" RVS	I						
8 mm G3/4" RVS	J						
10 mm G3/4" RVS	K						
12 mm G3/4" RVS	L						
Cable Option							
Without	X						
Cable 3 Wire	C3						
Cable 4 Wire	C4						