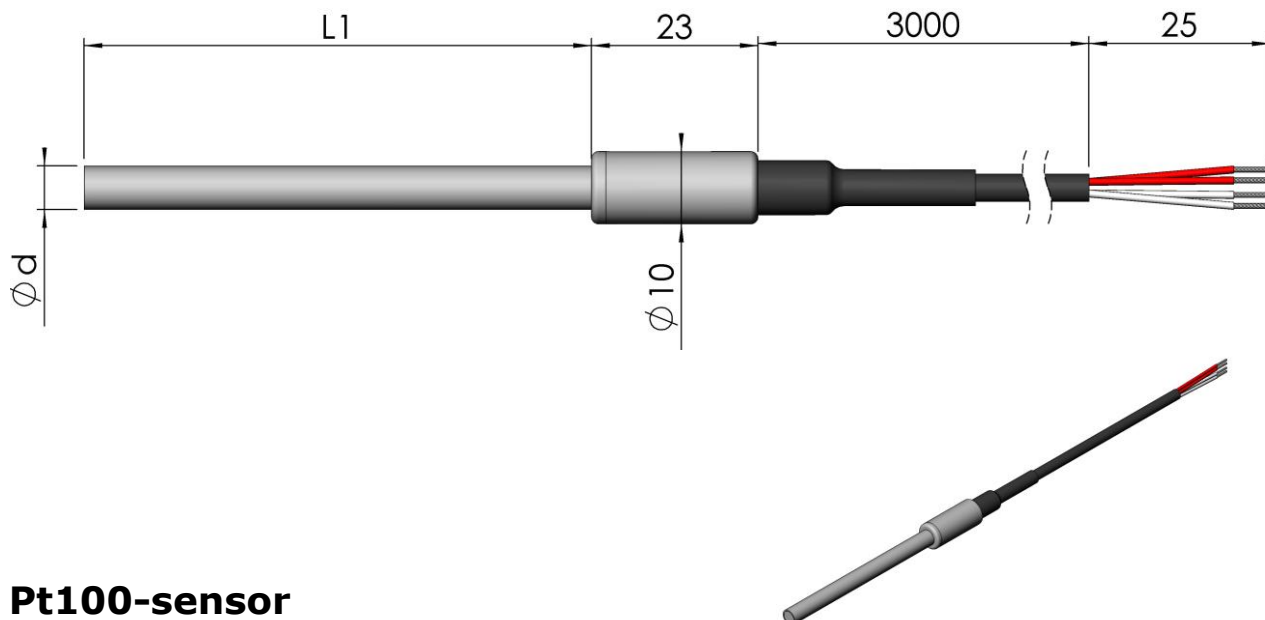




Pt100-sensor with extension cable

Model 7400000, in stock

Design

Pt100 detector built into protection tube or metal-sheathed mineral insulated cable. Diameter 10 mm transition fitting to extension cable.

Example of use

Measurement of gas and liquid temperature.

Maximum temperature

Measuring probe: See table: Dimensions and part numbers.

Transition junction: 100 °C.

Extension cable: See Signal connection.

Signal connection

Stripped wires, 4-wire configuration.

Cable design	Name	Max. temp.
PVC-insulated	PFSK 4x0.22	80 °C
FEP-insulated	TEXSTEX 4x0.25	200 °C

Certificate

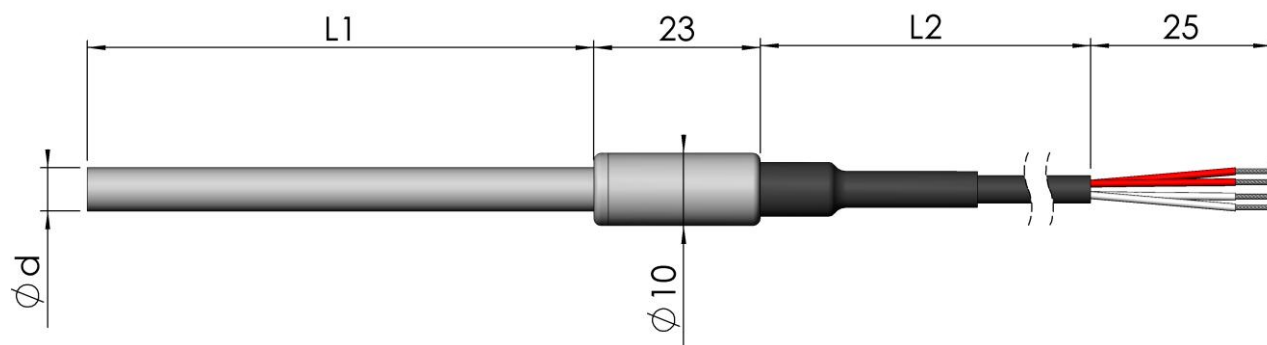
Test value: Certificate EN10204 3.1

Measuring probe

Pt100 detector (IEC 60751)
Pt100 class A
Pt100 1/3 "DIN"

Dimensions and part numbers

Part number	Ø d	L1	Probe design	Probe Max. temp.	Probe material	Pt100-element	Cable insulation
21-4300100	3.0 mm	100 mm	Tube	250 °C	1.4435	DIN 1/3	PVC
21-4300250	3.0 mm	250 mm	Tube	250 °C	1.4435	DIN 1/3	PVC
21-4400150	4.0 mm	150 mm	Tube	250 °C	1.4404	A	PVC
21-4400400	4.0 mm	400 mm	Tube	250 °C	1.4404	DIN 1/3	PVC
21-4950100	4.5 mm	100 mm	MI-cabel	600 °C	1.4436	A	FEP
21-4950250	4.5 mm	250 mm	MI-cabel	600 °C	1.4436	A	FEP
21-4950500	4.5 mm	500 mm	MI-cabel	600 °C	1.4436	A	FEP
21-4980100	6.0 mm	100 mm	MI-cabel	600 °C	1.4436	A	FEP
21-4980500	6.0 mm	500 mm	MI-cabel	600 °C	1.4436	A	FEP



Pt100-sensor with cable

Modell 7400000, built to order

Design

Pt100 detector built into protection tube or metal-sheathed mineral insulated cable. Diameter 10 mm transition fitting to extension cable.

Example of use

Measurement of gas and liquid temperature.

Maximum temperature

Probe: 250°C with protective tube. 600°C with metal-sheathed cable (MI-cable).

Transition junction: 100 °C

Extension cable: See Signal connection

Measuring probe

<i>Pt100 detector (IEC 60751)</i>
Pt100 class A
Pt100 1/3 DIN
Pt100 1/5 DIN
Pt100 1/10 DIN

Protection tube

Ø d (mm)	Design	Material
2,5	Prot. tube	EN 1.4404
3	Prot. tube	EN 1.4435
3	MI-cable	EN 1.4436
4	Prot. tube	EN 1.4404
4,5	MI-cable	EN 1.4436
6	Prot. tube	EN 1.4404
6	MI-cable	EN 1.4436
Other measures		Contact Pentronic

Signal connection

4-, 3- or 2-wire connection

<i>Signal connection</i>
Stripped wires
Connector, specify!

<i>Cable design</i>	<i>Name</i>	<i>Max. temp.</i>
PVC-insulated	PFSK	80 °C
FEP-insulated	TEXSTEX	200 °C
Silicon insulated	TEXSITW	180 °C

Inspection certificate

Sensor output value: Inspection certificate as per EN10204 3.1

Lengths

L1 and L2 as requested.

