



## Pt100 sensor Protective tube, welded mounting thread, neck and terminal head

### Model 7810000, built to order

#### Construction

Outer protective tube with neck and welded mounting thread. Replaceable insertion probe.

#### Example of use

Industrial temperature measurements of gases and liquids.

#### Maximum temperature

Measuring probe: 250 °C or 600 °C depending on construction of probe.

#### Replaceable insertion probe:

<b>Pt100 detector (IEC 60751)</b>
Pt100 Class A
Pt100 1/3 DIN
Pt100 1/5 DIN
Pt100 1/10 DIN

Diameter to be fitted to tube.

Length = L1+L2+27 mm

#### Housing

<b>Protective tube Ø d1</b>	<b>Material</b>
10 mm	EN 1.4435
12 mm	EN 1.4435
15 mm	EN 1.4435
15 mm	Kanthal
Other alternatives	Please contact Pentronic

<b>Neck, Ø d2</b>	<b>Material</b>
10 mm	EN 1.4435
12 mm	EN 1.4435
15 mm	EN 1.4435
15 mm	Kanthal
21,3 mm	EN 1.4435

#### Dimensions

Lengths L1 and L2 to be specified.

#### Process connection

<b>Thread, G</b>	<b>HEX</b>
G 1/2"	27
G 3/4"	32
G 1"	41
M18 x 1,5	24
1/2" NPT	22

#### Terminal head

Cable gland M20x1,5.

<b>Type</b>	<b>Lid</b>	<b>Material</b>
DNAG	Screw-on lid	Grey lacquered aluminium
Form B	Lid fixed with screws	Grey lacquered aluminium
DAN	Hinged lid	Grey lacquered aluminium
BBK	Screw-on lid	Glassfibre armoured Polyamid
BEG	Screw-on lid	Stainless steel

#### Head

Fixed
Turnable

#### Signal connection, 4-wire configuration

Flying leads
Transmitter (To bespecified separately!)
Terminal block

#### Connection

4-wire
3-wire
2-wire

#### Inspection certificate

Sensor output value: Inspection certificate as per EN10204 3.1.