



## Pt100 sensor Protection tube, junction fitting Ø7 mm and extension wire

### Model 7410000, built to order

#### Design

Pt100 detector built into protection tube or metal-sheathed mineral insulated (MI) cable. Transition fitting O.D. 7 mm with extension cable.

#### Example of use

Temperature measurements in gases and liquids.

#### Maximum temperature

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

Transition junction: 100 °C

Extension cable: See "Signal connection"

#### Measuring probe

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

#### Protection tube

Ø d	Design	Material
2,5 mm	Protection tube	EN 1.4404
3 mm	MI-cable	EN 1.4436
3 mm	Protection tube	EN 1.4435
4 mm	Protection tube	EN 1.4404
4.5 mm	MI-cable	EN 1.4436
Other alternatives		Please contact Pentronic

#### Signal connection

<b>Signal connection</b>
Flying stripped leads
Connector to be specified.

<b>Wire configuration</b>
4 wires
3 wires
2 wires

<b>Cable design</b>	<b>Name</b>	<b>Max temp</b>
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

Lengths L1 and L2 as requested.

*Please contact Pentronic to be advised suitable sensor design.*