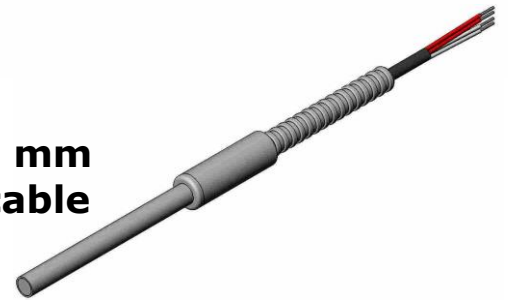


## Pt100-sensor Protection tube, junction fitting Ø10 mm and armoured protected extension cable



### Model 7420000, built to order

#### Design

Pt100 detector built into protection tube or metal sheathed cable. Junction fitting diameter Ø10 mm. Extension cable entirely or partly covered by stainless flexible armouring hose for improved physical protection.

#### Example of use

Temperature measurements in gases and liquids.

#### Maximum temperature

Probe: 250°C with protection tube.  
600°C with metal-sheathed cable.  
Junction fitting: 100 °C  
Extension wire: see "Signal connection"

#### Measuring probe

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

#### Protection tube

Ø d	Type	Material
2.5 mm	Protection tube	EN 1.4404
3 mm	Protection tube	EN 1.4435
4 mm	Protection tube	EN 1.4404
4.5 mm	MI-kabel	EN 1.4436
6 mm	Protection tube	EN 1.4404
6 mm	MI-kabel	EN 1.4436
Other alternatives		Please contact Pentronic

#### Signal connection

Signal connection
Flying stripped leads
Connector to be specified

Wire configuration
4-wire
3-wire
2-wire

Cable design	Name	Max temp
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 3.1b

#### Lengths

L1, L2 and L3 as requested.

Please contact Pentronic for choice of suitable design.