



Pt100 sensor with extension cable

Model 7100000, built on order



Design

Pt100 sensor soldered with cable. No protection tube.

Example of use

Measuring air temperature in clean environments.

Max.temp.

Measuring probe: see Signal connection

Extension cable: see Signal connection

Pt100 element (IEC 60751)

Pt100 A
Pt100 1/3 DIN
Pt100 1/5 DIN
Pt100 1/10 DIN

Signal connection

2, 3, eller 4-trådskoppling.

Connection options

Stripped wires
Connector, to be specified

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

Cable length

L1 as requested.

Conductor colours

As per IEC 60751. Normally Pentronic supply 4-wire connection which easily can be transformed to 3 or 2 wire connection by cutting off one conductor or paralleling both conductors of each side, respectively. Compare figure below.

Signal connection



Certificate

Measuring value: Inspection certificate as per EN10204 3.1