



Pt100 sensor Mounted handle

Model 7404800, in stock

Construction

Pt100 sensor in stainless steel tube alternatively MI cable with mounted handle and 4 wire signal cable with flying leads.

Example of use

Mobile measurements with e.g. handheld indicators, or wherever it is preferable to handle long mobile probes conveniently. The sensors can be used in liquids and gases.

Measuring probe

Resistor as per IEC60751, class A and B/3.
Material: See table.

Maximum temperature

Probe: See tables.
Cable: See table.

N.B. Working temperature as well as environment and also probe diameter will influence lifetime of sensor. Contact Pentronic for advice.

Signal connection

4-wire connection with flying leads.

Option: Mounted connector as per specification.

Cable design	Benämning mm ²	Max. temp. °C
PVC-insulated	PFSK 4x0.22	80
FEP-insulated	TEXSTEX 4x0.25	200

Part numbers and dimensions

For quick deliveries, normally in 2 days, the following sensors are available:

Part number	Ø d mm	L1 mm	L2 metre	Probe Max temp °C	Probe material	Resistor class (IEC60751)	Cable insulation
7404800-001	3.0	215	3	250	1.4435	B/3	PVC
7404800-002	4.0	115	3	250	1.4404	A	PVC
7404800-003	4.0	365	3	250	1.4404	B/3	PVC
7404800-004	4.5	215	3	600	1.4436	A	FEP
7404800-005	4.5	465	3	600	1.4436	A	FEP
7404800-006	6.0	215	3	600	1.4436	A	FEP
7404800-007	6.0	465	3	600	1.4436	A	FEP

Sensors of other thermocouple types and dimensions are built to order.