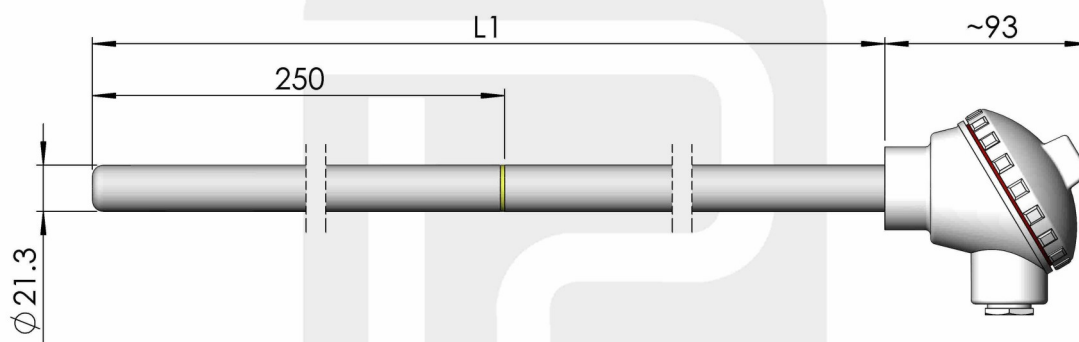
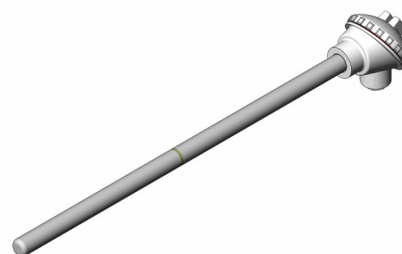




Thermocouple For abrasive environment

Model 8109400, in stock



Construction

The probe tip is equipped with a probe tip that consists of a round bar whose hole can take normal Ø6 mm measurement inserts. Material 253MA.

Example of use

Temperature measurement in incinerators of district heating networks, especially furnaces with sandbeds.

Maximum temperature

Type K: 1150 °C

Type N: 1150 °C

Measurement insert, replaceable

(model 8104001)

Sheath: Inconel 600

Class: 1 (IEC 60584-2)

Type: K or N

Measuring junction: isolated

Diameter: Ø6 mm

Length = L1+27 mm

Process connection

Neck tube positioned e.g. with flange or compression fitting, see "Accessories".

Terminal head

Cable gland M20x1,5.

Type	Lid	Material
DNAG	Screw-on lid	Grey lacquered aluminium

Certificate

Measured value: Test certificate EN10204 3.1

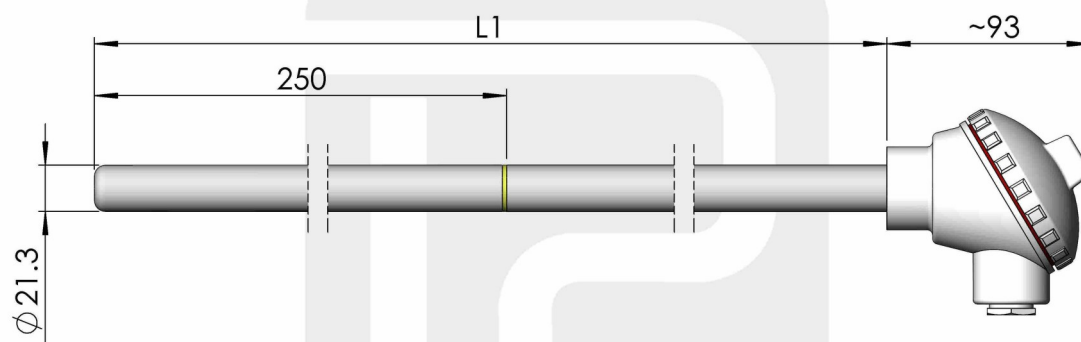
Part number and dimensions

Part number	Type	L1 (mm)	Signal connection*
8109401-001	K	507	Stripped wires
8109401-002	K	507	Transmitter
8109401-003	K	507	Terminal block
8109401-004	K	707	Stripped wires
8109401-005	K	707	Transmitter
8109401-006	K	707	Terminal block
8109401-007	K	1007	Stripped wires
8109401-008	K	1007	Transmitter
8109401-009	K	1007	Terminal block
8109401-010	N	507	Stripped wires
8109401-011	N	507	Transmitter
8109401-012	N	507	Terminal block
8109401-013	N	707	Stripped wires
8109401-014	N	707	Transmitter
8109401-015	N	707	Terminal block
8109401-016	N	1007	Stripped wires
8109401-017	N	1007	Transmitter
8109401-018	N	1007	Terminal block

*) Transmitter to be specified separately

Accessories

Part number	Model
23-04040	Flange UZ 21-22
23-04050	Compression fitting UG 2-22-G1" Grafit



Thermocouple For abrasive environment

Model 8109400, built to order

Construction

The probe tip is equipped with a probe tip that consists of a round bar whose hole can take normal Ø6 mm measurement inserts. Material 253MA.

Example of use

Temperature measurement in incinerators of district heating networks, especially furnaces with sandbeds.

Maximum temperature

Type K: 1150 °C

Type N: 1150 °C

Strengthened probe tip

L2 can be extended in steps of 250 mm.

Measurement insert, replaceable

(model 8104001)

Sheath: Inconel 600

Class: 1 (IEC 60584-2)

Type: K or N

Measuring junction: isolated

Diameter: Ø6 mm

Length = L1+27 mm

Process connection

Neck tube positioned e.g. with flange or compression fitting, see "Accessories".

Terminal head

Cable gland M20x1,5.

Type	Lid	Material
DNAG	Screw-on lid	Grey lacquered aluminium
Form B	Lid with screws	Grey lacquered aluminium
DAN	Hinge lid	Grey lacquered aluminium
BBK	Screw-on lid	Glass armoured Polyamid
SEG	Screw-on lid	Stainless steel

Certificate

Measured value: Test certificate EN10204 3.1

Connection options
Stripped wires
Transmitter
Terminal block

Accessories	
Part number	Model
23-04040	Flange UZ 21-22
23-04050	Compression fitting UG 2-22-G1" Grafit