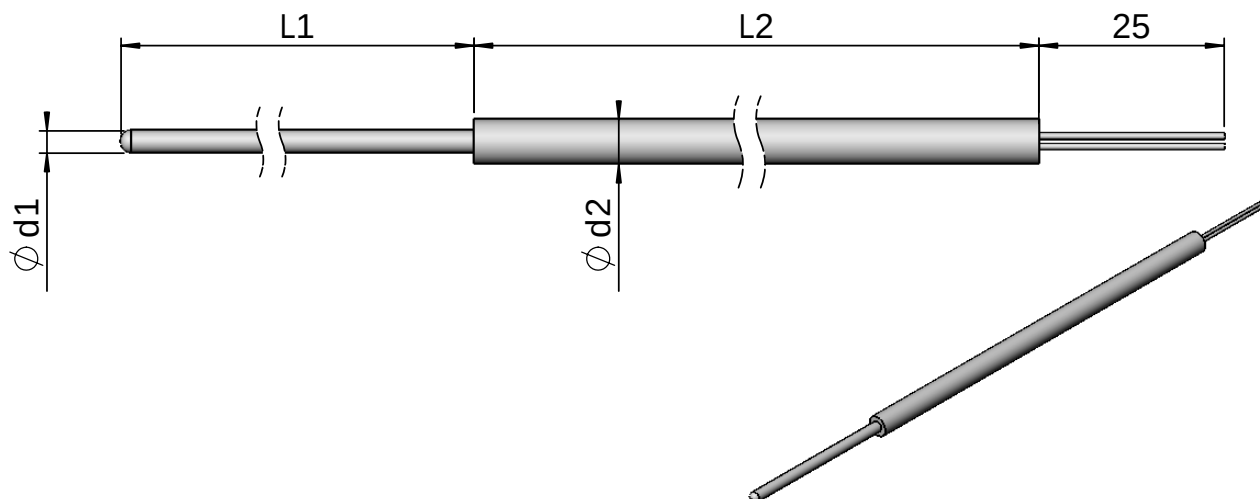




Thermocouple Metal-sheathed probe with supporting tube and protruding leads

Model 8101100, built on order

Design

Mineraloxide insulated metal sheathed thermocouple cable with protruding bare leads and supporting tube. The swaged tip improves response time.

Example of use

Temperature measurement of gases and liquids.

Maximum temperature

Probe:

Typ	Max temp
K	1200 °C
N	1200 °C
J	760 °C
T	370 °C

Sealing of protruding leads: 100 °C

Supporting tube: 800 °C.

Mätbel

Probe

IEC 60584-2 class 1 for K, N, T. Class 2: J.

Type	Metal sheath
K	Inconel 600
N	Inconel 600
J	Acid-proof stainless steel
T	Acid-proof stainless steel

Measuring junction

Grounded
Isolated
Exposed

Diam. Ød (mm)

0,5
0,8
1,0
1,5
2,0
3,0
4,5
6,0

For alternative diameters please contact Pentronic

Supporting tube

Diameter Ød2: 3-6mm

Material: 1.4435 alt 1.4404

Signal connection

Protruding bare leads.

Dimensions

Length L1 as required

Certificate

Test value: Certificate EN10204 3.1b

Note

Working temperature, environment and diameter of probe influence lifetime of the sensor. Please contact Pentronic for advice.