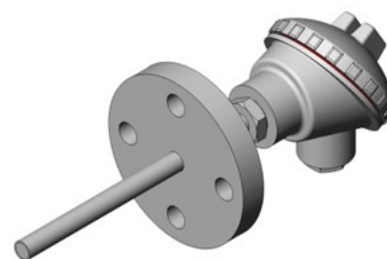


Thermocouple with flange and replaceable insert probe

Model 8109600, built on order



Design

Outer protection tube with fixed flange and terminal head. Replaceable measurement insert probe. L1, L2 and Ød freely selectable or as per table.

Example of use

Temperature measurements of gas or liquids in process industry.

Max temperature

Probe: maximum temperature limited by insert probe or outer protection tube depending on the chosen combination of materials.

Insert probe, replaceable (model 8104000)

Class 1 (IEC 60584-2)

Diameter: Ø 6.0 mm.

Length: L1 + L2 + 27 mm.

Type	Max. temp. Probe, °C	Sheathing material
K	1200	Inconel 600
N	1200	Inconel 600
J	760	Stainless acidproof steel

Measuring junction

Grounded
Isolated

Housing

Outer protection tube, Ød, mm	Material
10	EN 1.4435
12	EN 1.4435
15	EN 1.4435
For other alternatives, please contact Pentronic	

For advice, please contact Pentronic

Process connection

Flange according to EN 1092-1

Material EN 1.4404/1.4432/1.4435

Dimensions	Pressure class
DN10...DN150	PN16 (=PN10) PN40 (=PN25)
DN200...DN300	PN10, PN16, PN25, PN40
For other alternatives, please contact Pentronic	

Terminal head

Adjustable head.

Cable gland M20x1.5.

Type	Lid	Material
DNAG	Screw-on lid	Grey lacquered aluminium
Form B	Lid fixed with two screws	Grey lacquered aluminium
DAN	Hinge lid	Grey lacquered aluminium
BBK	Screw-on lid	Glass fiber armoured Polyamid
SEG	Screw-on lid	Rostfritt stål
DADAWdie	Lid with LED display	Grey lacquered aluminium
For other alternatives, please contact Pentronic		

Connection options

Stripped wires
Transmitter
Terminal block

Certificate

Test value: Certificate EN10204 3.1

Third party approval (K 0201267) available upon request for Ød = 10 and Ød = 12 mm.