



Thermocouple Sheathed probe, threaded nipple and terminal head

Modell 8108100, built on order



Construction

Mineral insulated metal sheathed (MIMS) probe with threaded nipple close to the head for process connection. Welded and sealed probe. With no welding the probe also can be spring loaded for mounting in thermowells.

Example of use

Measurements of temperature of gases and liquids in tubes and tanks.

Type	Max. temp. probe
K	1200 °C
N	1200 °C
J	760 °C
T	370 °C

Working temperature, environment and diameter of probe influence lifetime of the sensor.

Measurement probe

Class: 1 (IEC 60584-2)

Measuring junction: Grounded or isolated

Diameter: Ø 3 mm, Ø 4,5 mm, Ø 6 mm

For other alternatives, please contact Pentronic.

Length: L1 as required

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

Process connection	
Thread G	Hex
G 1/2"	27
G 3/4"	32
G 1"	41
M18 x 1,5	24
1/2" NPT	22

Terminal head

Fixed mounted 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

Connection options	
Stripped wires	
Transmitter, specified separatly	
Terminal block	

Certificate

Measured value: Test certificate EN10204 3.1

For advice, please contact Pentronic.