



Plate thermocouple for fire resistance furnaces, EN 1363-1 or ISO 834

Model 5928060

Design

Temperature of a metal plate is measured by a thermocouple according to EN 1363-1/ISO 834.

A protective tube (not included) could be passed over the thermocouple and cable to protect it and keep it in place when mounted in a furnace.

Max. temperature

Probe: 1200 °C
Transition junction: 100°C
Extension cable: 200°C

Operating temperature and environment influence lifetime of sensor.

Probe

Metal-sheathed mineral-oxide insulated cable:
Stainless steel type Inconel 600. Type: K
Class: 1 (IEC 60584-2)
Measuring junction: Insulated. The probe tip is centered on the plate by two welded clamps.

Insulation

The plate is insulated by Carbowool, 200-300 kg/m³

Signal connection

FEP insulated cable, TEX/CUTEXTW 24F. Part number 04-21110.
Colour code according to IEC 60584-3.

Certificate

Measuring value: Certificate EN10204 3.1

Dimensions and part numbers

Part No.	L1 mm	L2 mm
5928060-001	3000	500
5928060-002	2000	500
5928060-003	1500	500
5928060-004	1000	500
5928060-005	2500	500
5928060-006	1500	1500