



- **Easy and fast mounting**
Sliding flange, Sliding connection
- **Interchangeable measure element**
(Tc: K, S) class 1
- **Single protection sheath**
Ceramic Ø 10, Ø 15 and Ø 24
- **Duplex protection sheath (High strength)**
Ceramic Ø 24 and Ø 26
- **Temperature : up to 1700°C**
- **Applications:**
Cooking furnace for ceramic
Furnace for glass
Bath of melting glass



- **Models available in ATEX and IECex version**
Intrinsic safety Gaz and Dust.



Process wiring:

Flange Connector Smooth pipe

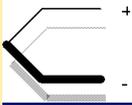


TECHNICAL SPECIFICATION: (standard execution)

- **Connecting head:** Light alloy A form (ip54) ,B form (ip65)
Hinge mounting cap with closing by screw,
M20x15 cable gland output
- **Support pipe:** Ø 21,3 mm x length 150 mm or Ø 32 mm x length 200 mm
(other support on request)
- **Fastening :** oval sliding flange
sliding connection
welded connection
welded flange
(other connection on request)
- **Single or duplex waterproof ceramic protective sheaths:**
(Nature and diameter applications)
Outer protection sheath:
Porous ceramic type: 530 Promulit Ø 26 mm x 18 mm
Waterproof ceramic type: 710 Rubalit Ø 24 mm x 18 mm
Internal protection sheath:
Waterproof ceramic type: 610 Dimulit Ø 15 mm x 10 mm
Waterproof ceramic type: 710 Rubalit Ø 15 mm x 10 mm
- **Measure element:** Ø 3 mm K thermocouple, Ø 0,35 S thermocouple or 0,5 mm
with ceramic bead
- **Options:** In head embeded transmitter (loop powered)
other head on request.

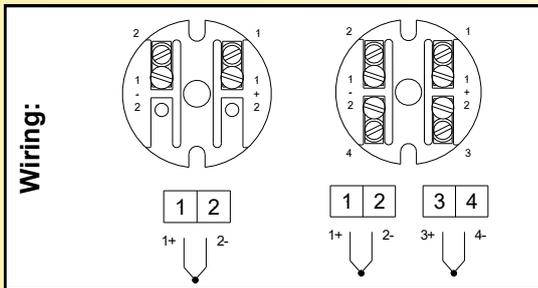
Fastening Accessory



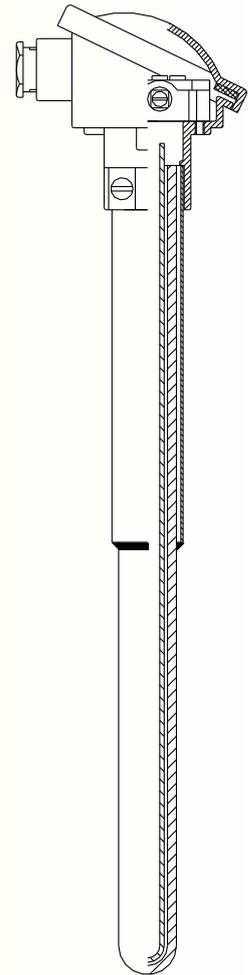
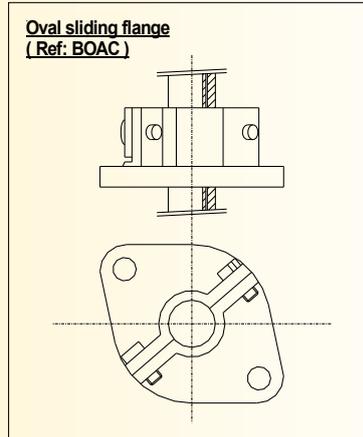
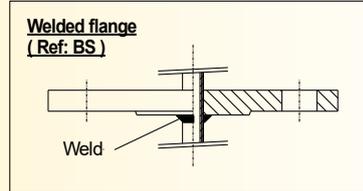
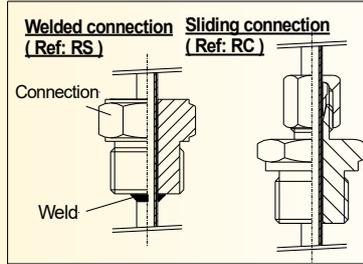


Technical specification

- Maximum temperature use: +1700 °C
- Responce time standard version (mean value given for information only): fonction of sheath type.
 - in water at 0,2 m/s : t0,5 = 75 s t0,9 = 225 s
 - in air at 1 m/s : t0,5 = 6 min. t0,9 = >12 min.
- dielectric strength: 500 Vdc; insulation > 200 Mohms
- maximum operating pressure: 5 bar (ambient temperature)



Fastening



Order code for protection sheath single wall

C	K	D	300	KER D	Ts 150	DAN v	-	BOAC	/	ELB	15
Couple	type K S	Single (by default) or Duplex couple	Utile length (mm) ceramic	Ceramic type KER D: (1500°C) 610 dimulit KER R: (1800°C) 710 rubalit	Support pipe length (mm) 150 mm by default optional	Head type DANv DANc Cast iron PVC A22 or A32 Stainless steel TVKBL ADF		Connection type R0: no connection (by default) RSi: stainless steel welded RSa: steel welded connection RCi: stainless steel sliding RCa: steel sliding connection BOAC: steel sliding flange BS: welded flange		interchangeable element type ELB: output on screw-terminal ELF: output on wires ELC: output on embedded converter Type to be specified CAL40; CNL40; ,,,,,,	external sheath diameter 10 15 24

Order code for protection sheath duplex wall

C	S	D	300	KER PR	Ts 200	DAN v	-	BOAC	/	ELB	26
Couple	type K S	Single (by default) or Duplex couple	Utile length (mm) ceramic	Ceramic type sheath: Outer / Internal KER PD KER PR KER RR KER D: (1500°C) 610 dimulit KER R: (1800°C) 710 rubalit KER P: (1800°C) 530 promulit	Support pipe length (mm) 200 mm by default optional	Head type DANv DANc Cast iron PVC A22 or A32 Stainless steel TVKBL ADF		Connection type R0: no connection (by default) RSi: stainless steel welded connection RSa: steel welded connection RCi: stainless steel sliding connection RCa: steel sliding connection BOAC: steel sliding flange BS: welded flange		interchangeable element type ELB: output on screw-terminal ELF: output on wires ELC: output on embedded converter Type to be specified CAL40; CNL40; ,,,,,,	external sheath diameter 24 26