Direct mounting platinum probe
SP1006i type

- ***SP 1006i :*** ***Miniature platinum probe for solids or liquid temperature measurements.***
  (Without interchangeable measure element)

- ***SP 1006i 01 :*** ***Version with interchangeable measure element***
  "Without protective sheath"

- ***Applications:***
  Building
  Environment
  Air conditioning
  Machine assembly

- **Quick Response Time**
  (Single protective sheath)

SP1006i staight

SP1006i screw connection

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

SP1006i Staight with JPC flange

SP1006i with DAN head.

SP1006i probes are intended for temperature measurment of cost sensitive application or requiring a short response time. Suitable for large range of application (not at least industrial). Direct output or loop powered.

TECHNICAL SPECIFICATION : (standard execution)

- Connection head: MA Type miniature IP 54 waterproof
(Aluminum alloy, epoxy coated)
(other head type on request)

- Measure element : CTN, Pt 100 ,PT1000,... ,single or duplex
2, 3, 4 wires, 2x3 wires or 2x4 wires mounting.
RTD class type: A, 1/3 B, 1/10 B … in option.

- Fastening : 1/2" G cyl. stainless steel connector welded on sheath
Sliding connection (**RC**)
Staight pipe (**R0**)
Welded or sliding flange
Other connection on request

- Protection sheath : stainless steel 316 L, Ø 6 mm, 0,4 mm wall thickness
Utile length (including threading) : 20.....500 mm
Usage Temperature : - 50 to + 600 °C.
(high temperature option : 850°C)
Maximum temperature on head : 100 °C

REMARK: Considering the protector low wall thickness, it is recommended to use probe in low-flow process.

- Options : Other connection types.
Other sheat diameters.
Other head types.
Reduced extremity.

Fastening Accessory

Thermowell
Quick inter-changeability

Sliding connection

JPC type Sliding flange

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LOREME

Technical specification:

- Maximum temperature use : + 600 °C
  (in option : + 850 °C (**HT** version))

- Standard version response time
  (mean value given for information only) :
  in water at 0,4 m/s : $t_{0,5}$ = 10 s $t_{0,9}$ = 30 s

- Response time version with reduced extremity
  (mean value given for information only):
  in water at 0,4 m/s : $t_{0,5}$ = 7 s $t_{0,9}$ = 20 s

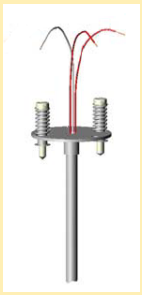
- dielectric strength: 500 Vdc
- insulation >200 Mohms
- pressure holding : tipicaly 50bars
  (ambient temperature).

Possible output:

Transmitter output (SC)

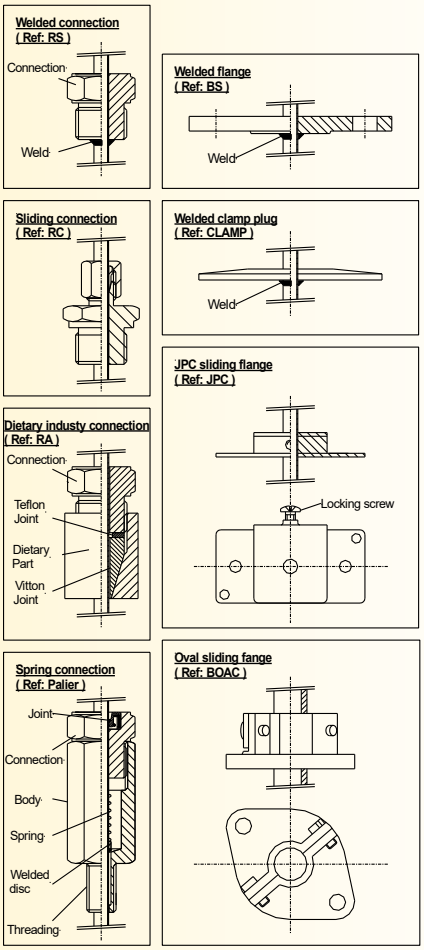
Terminals output (SB)

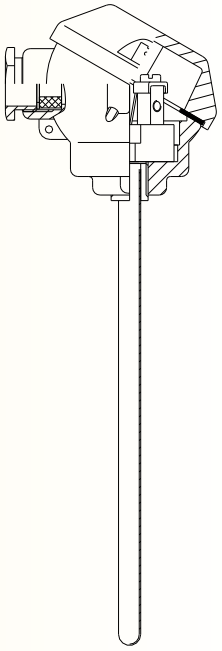
Wires output (SF)



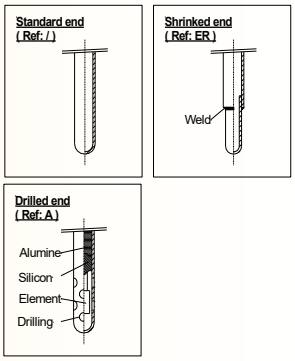
Any other dimensions and diameter on request.

Fastening:

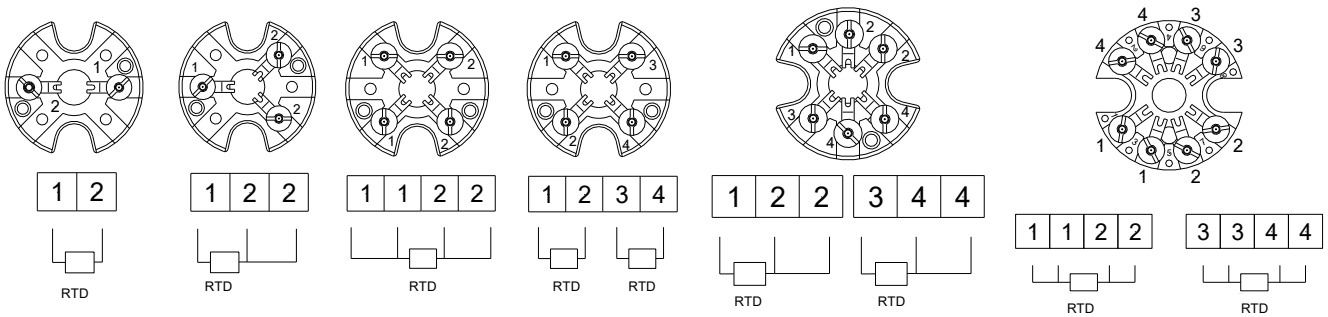




End



Wiring:



		Order code												
SP	**D**	**1006**	**i**	**01**	**CAL40**	***Ti 100***	**ER**	**MA**	**-**	**RCi**	**/**	**L 150**	**/**	**D 6**
RTD Probe	**S**ingle (by default) or **D**uplex element	Model	Stainless steel	if removable element	**optional** incorporated converter specify type **CAL40** **CNL40** **CNL40 ig**	extention lenght (Intermediate **P**ipe) (mm) **optional**	if Reduced Extremity	Head type **DANv** **DANc** **Cast iron** **PVC** **MA** (by default) **Stainless steel** **ADF**		Connection type **RS** : welded connection (by default) **R0**:no connection **RCi**: stainless steel sliding connection **RCa**: steel sliding connection **BS** : welded flange **Bjpc** : JPC flange **RT**: turning connection		Utile length (mm)		External sheath diameter 6mm (by default) **optional**

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