

- **SP 1001t** *Teflon sheath probe*
- **SP 1001i** *Stainless steel probe*
- **SP 1001it** *Stainless steel probe and teflon sheath*
- **SP 1003i** *Screw probe*
- **SP 1004i** *Bayonet probe*
- **SP 1007i** *Tight sliding connection probe*
- **SP 1009i** *Fix connection probe process connection*
- **SP 1009iR** *Fix connection probe cable connection*
- **SP 1009iF** *Female connection probe*
- **SP 1010i** *Spring and turning connection probe*
- **SP 1011i** *Stainless steel sheet flange probe*
- **SP 1012i** *Curved turning connection probe*



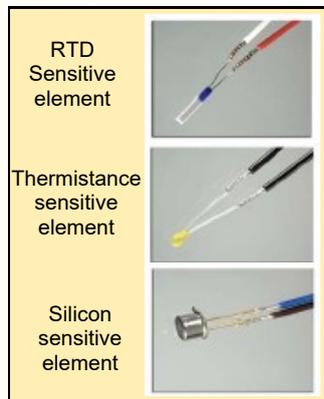
Connecting cable probe range offering different fixing methods realized on demand for all appliances type: furnace, stove, laboratory, plastic industry,

...

• **Models available in ATEX and IECex version** 

TECHNICAL SPECIFICATION : (Depending model application)

- **Protection sheath:** Stainless steel 316L, Ø2 to 8 mm, 0,15 to 1mm wall thickness.
 (Teflon sheath option)
 Utile length: 20...600 mm
 Usage Temperature: - 80 to + 450 °C. (cable according)
- **Fastening:** Straight pipe, welded thread connection (all thread types),
 Sliding connection
 Welded flange, sliding flange, bayonet
 (adjustement by compression spring),...
 Other connection or fastening on request.
- **Measure element :** CTN, CTP, RTD, ..., single or duplex
 2, 3, 4 wires, 2x3 wires or 2x4 wires mounting.
 Cable section 0.14 or 0.22mm²
 RTD class type: A, 1/3 B, 1/10 B... in option.
- **Mounting:** By crimping (tight IP 65) the sheath on the wire.
- **Electric connection:** Cable output with crimped terminals, connection, ring terminal, ...
- **Options :** Cable protection by bending spring,
 other cable type and length, (PVC,SILICON,TEFLON...)
 other materials, reduced extremity.



Technical specifications:

- Using temperature: from -70 to +400°C according to cable nature.
- Responce time standard version
(mean value given for information only) :
in water at 0,2 m/s : $t_{0,5} = 25$ s
in air at 1 m/s : $t_{0,5} = 2$ min.
- Response time version with reduced extremity
(mean value given for information only) :
in water at 0,2 m/s : $t_{0,5} = 12$ s
in air at 1 m/s : $t_{0,5} = 1$ min.
- dielectric strength: >500 Vdc ; insulation >200 Mohms

Proposed cables natures:
temperature resistance

- PVC: -50°C / +105°C
- teflon PFA: -80°C / +260°C
- teflon FEP: -80°C / +205°C
- SILICONE: -55°C / +230°C
- Silik of glass: -70°C / +400°C



Option : cold output on connector or thimble
(type ond connecting to be specified)



Terminal end:
Mounting by default



Lug :
- Spade tongue
or
- Ring



FASTON Clip:



- 2.8mm
or
- 6.35mm

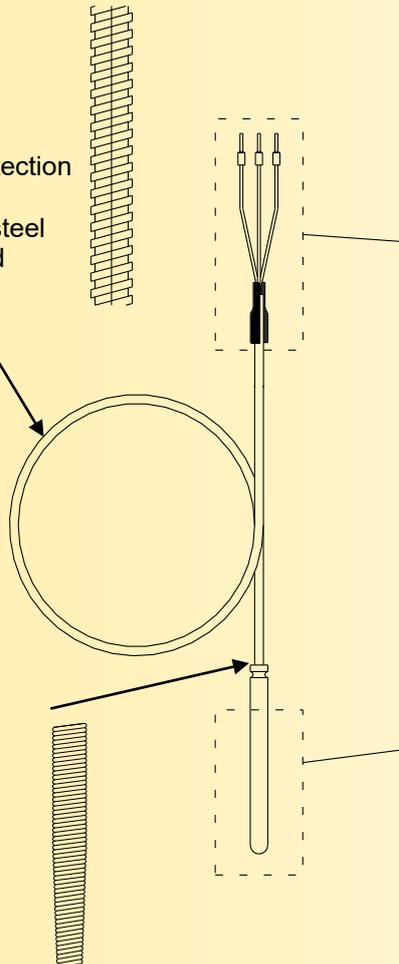


JAEGER type connection



LEMO type connection

Option :
Cable protection by flexible stainless steel corrugated



Option :
Bending spring in sensor output

Output

Naked wires or with crimped terminal (Ref. F)	Screw connection (ex: M12) (Ref. CV)
Standard connection (Ref. Cstd)	Push Pull connection (ex: Lemo) (Ref. CPP)
	Clip connection (ex: Neutrik) (Ref. CC)

End / Fastening

Standard end (Ref. 1001)	Shrunk end (Ref. ER)
Welded connection (Ref. 1003)	Sliding connection (Ref. 1007)
Bayonet (Ref. 1004)	Welded connection (Ref. 1009)
Spring connection (Ref. 1010)	Sheet flange (Ref. 1011)

Fastening

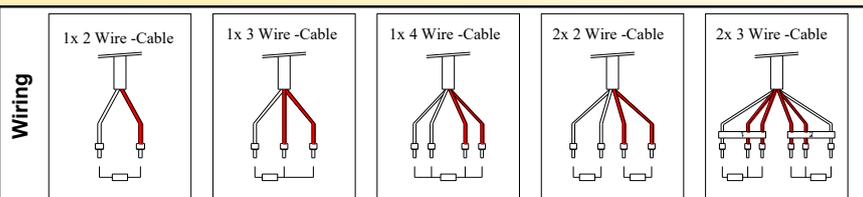
JPC type sliding flange



Sliding connection



Bayonet



SP		D		1001		i		D 6		ER		/ FEP/FEP		T		- L 1500		/ E	
RTD Probe		Single (by default) or Duplex element		Model 1001, 1003, 1004, 1007, 1009, 1010, 1011		Stainless steel -->		external sheath diametre		if Reduced Extremity		Cable type Wire insulation/ Sheath FEP / FEP, PFA / PFA, PVC / PVC, SDV /SDV, FEP / SIL		if armoured		Cable length (mm)		Cable reduced E = extremity by default optional	