

PTF*- PT100 RTD SENSOR Head Form B

RTDs Pt100Ω, single or double sensor element, for general use in temperature measuring of solids, liquids and gases, with circular head according DIN43729 Form B.

Thermometric element: OD 6 mm

Operating pressure: PN10

Temperature range: -60÷400 °C

Standard lengths as in table, others on commission

Process connection: 1/2 "GAS Male

OPTIONS:

- Pt500 or Pt1000 sensor
- 4/20 mA transmitter built-in (TRTE788)
- Stainless steel 316 well protection, diameter 1/2 "gas male, pressure max: 100 bar to 20°C, 70 bar to 400°C
- Stainless steel 316 well protection, diameter 1/2" gas male, pressure max: 320 bar to 20°C, 210 bar to 400°C
- MgO mineral oxide insulation sensor



Standard codes

Sensor Length mm	50	100	150	200	250	300
1xPt100, single	PTF1	PTF3	PTF4	PTF5	PTF6	PTF7
2xPt100, double	PT2F1	PT2F3	PT2F4	PT2F5	PT2F6	PT2F7
Drilled tip for air	Add "A" to the code (eg. PTFA7, PT2FA7)					
ATEX execution	Add "E" to the code (eg. PTFE3, PT2FE3)					
Flange mounting	Add "F" to the code (eg. PTF4F, PT2F4F)					

PTL* PT100 RTD SENSOR Smooth with cable

RTDs Pt100Ω, single or double, for general use, stainless steel 304 (option S.S. 316 or other), protective sheath smooth. Sensor in class B (class A on req.). Armored, silicone or Teflon cable.

6 mm standard sheath diameter, on request 4 and 8 mm

Working temperature: -50÷350°C

Max cable temperature °C: armored 350, silicone 200, teflon 150

OPTION: MgO mineral oxide insulation sensor



- Smooth temperature sensor (PTL*C*), 3 m armed cable

Sensor Length mm	40	60	100	150		
1xPt100, OD 4 mm	PTL1C4X040	PTL1C4X060	PTL1C4X100	-		
1xPt100, single, OD 6 mm	-	PTL1C6X060	PTL1C6X100	PTL1C6X150		
2xPt100, double, OD 6mm	-	PTL2C6X060	PTL2C6X100	PTL2C6X150		

- Smooth temperature sensor (PTL*M*), threaded 1/2" male connection, 3 mt armed cable

Sensor Length mm	50	100	150	200	250	300
1xPt100, single	PTLM1	PTLM3	PTLM4	PTLM5	PTLM6	PTLM7
2xPt100, double	PTL2M1	PTL2M3	PTL2M4	PTL2M5	PTL2M6	PTL2M7

For custom executions, please specify: the diameter and length sheath, smooth or threaded connection, cable length and type



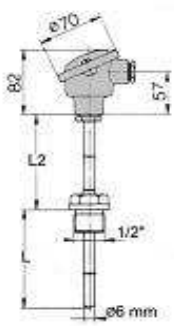
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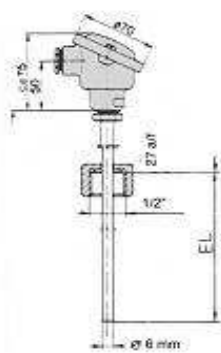
Tel. +39 015811102 - Fax 0158853029

Mail: info@satema.it <http://www.satema.it>

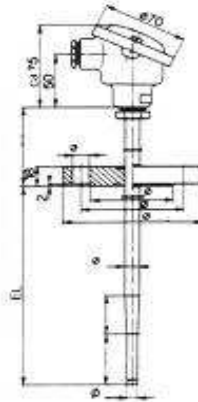
RTD construction forms



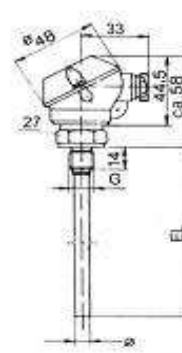
Form 1



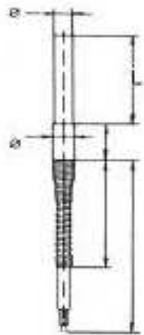
Form 2



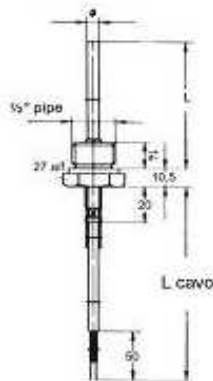
Form 3



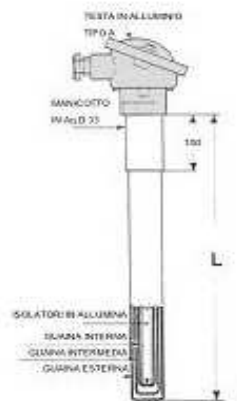
Form 4



Form 5



Form 6



Form 10

- Form 1 Head DIN B, extension length L2, attack Male 1/2
- Form 2 Head DIN B, 1/2 female nut slidable attack
- Form 3 Head DIN B, flange mounting
- Form 4 Mignon head, Gas male attack
- Form 5 Smooth, with/without spring, cable
- Form 6 Smooth, with/without spring, cable, threaded 1/2" male connection
- Form 10 Thermocouple for high temperature with ceramic insulation

Accessories: Stainless steel 1/4 or 1/2" sliding threaded fittings



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