

## CRR Series

*PT100 or Thermocouple sensor*

Ref : 2146

Rev : A



### DESCRIPTION

This model of temperature sensor, PT100 type or thermocouple, is designed for temperature measurements up to 250°C or more (depending on the constitution of materials) in solid, liquid or gaseous environments. It has a stainless-steel fitting with built-in thread M10x100 for its attachment on a base, extension with a shielded Teflon cable. Sensitive element PT100 mounting 2, 3, 4 wires.

#### Thermocouple

#### Pt 100 Rtd

K Green	J Black	T Brown	N Pink	E Purple	R/S Orange	B Grey	Cu White
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### TECHNICAL CHARACTERISTICS

	Version PT100	Version thermocouple
<b>Operating temperature</b>	-200 to +250°C as standard	-100 to +1000°C
<b>Precision</b>	+/- 0.15°C to 0°C, +/-0.35°C to 100°C (Class A)	(K type thermocouple) +/- 1.5°C from -40°C to +375°C +/- 0.004 x  T°  375°C to 1000°C
<b>Cable temperature resistance</b>	200°C continuously	200°C continuously
<b>Tolerance class according to sensitive element</b>	1/3 and 1/5, 1/10 Standard in platinum probe version PT 100	
<b>Diameter and length</b>		On request
<b>Other constructions</b>		On request
<b>Mounting</b>	2,3,4 wires	
<b>Temperature</b>		High temperature version
<b>Other accuracy classes</b>		<a href="#">Contact us</a>
<b>Other diameters</b>		0.5 ; 1 ; 1.5 ; 4 ; 6 ; 8 ; 10 ... mm
<b>Other lengths</b>		20 ; 100 ; 300 ... mm
<b>Other threads</b>		1/4" ; 1/2" ; 1/4 NPT etc...

**CRR:** Model under stainless steel tube extended by a 10x100 thread and a 2m long shielded Teflon cable (standard)

**D:** Diameter of the sheath: 3 mm

**L:** Sheath length: 50 mm

**Type:** PT100 Platinum Probe according to IEC 751 standard

Thermocouple: K, J, T, E, S, B, N, R type Class 1 according to IEC 584 standard

### OPTIONS

Thread: 1/4", 1/2", 1/4 NPT etc.

High temperature version: 500 and 700°C

Construction and dimensions according to request



### CONTACT

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