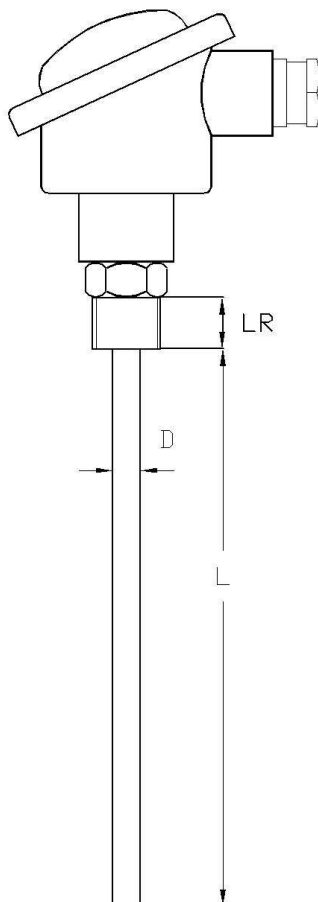




Dimensions

LR: Thread length *
11 mm straight (BSP) (Standard)
18 mm conical (NPT)

L: Sheath length

D : Sheath diameter
Standard: 6mm

(*) Non contractual information

Characteristics

Description

RTD Pt100 according IEC751 standard

Sensor

Pt100 ohm @ 0°C, class B $\pm 0,3^{\circ}\text{C}$
(optionally, class A $\pm 0,15^{\circ}\text{C}$)

Sheath material

Standard: AISI 304. Thread AISI 304. Other under request.

Range

Measuring (standard): $-50..350^{\circ}\text{C}$

Tip

The sensor is built with non exposed sensor but as an option with hole for air measurement reducing the response time.

Connection

The standard connection is 3 wires marked in White and red colours.

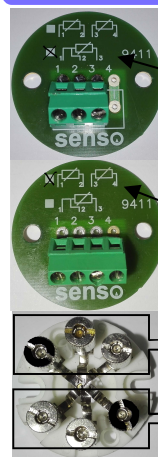
Options

/A : Class A
/NPT : Conical (NPT) thread
/TF : Teflón ® protection
/TT : Titanium sheath
/MN : Minreal insulated cable flexible sheath (MgO)
/CT : With 4..20mA transmitter
/316 : AISI 316 sheath
/Pt1000 : Pt1000 sensor

Ordering guide

Model	Nº of Sensors	Sheath Diameter (D)	Thread	Connecting Head	Sheath Length
RA	1 : Simple 2 : Doble 3 : Simple, punta destapada 4 : Doble punta Destapada	3 : 3 mm 4 : 4 mm 5 : 5 mm 6 : 6 mm 8 : 8 mm 1 : 10 mm C : 12 mm A : 14 mm B : 16 mm ZV : Especial	0 : Sin rosca 1 : 1/4"BSP 2 : 1/2"BSP 3 : 3/8"BSP 4 : 3/4"BSP ZR : Especial	0 : Ceramical plate. (Without head) 1 : Mini DIN Aluminium 2 : DIN-B Aluminium 3 : DIN-A Aluminium 4 : DIN-B Poliéster 5 : DIN-B Polypropilene 6 : ATEX head 7 : KNE head with Threaded head	In mm
RA	1	8	2	2	nnn

Connection



Single, 3 wires

Marked on circuit

Double, 2 wires

Marked on circuit

Pt100 #1 Double, 6 wires

Individually marked on each sensor
Pt100 #2

Ej.: **RA-1622-200/CT/0..100**

1 x Pt100, Class B, Closed tip, Diameter : 6mm x Length : 200mm, Thread 1/2"BSP, 4..20 mA transmitter with 0..100°C range

Where to find us ?

Few words about us

SENSO ELECTRONICS S.L.U. is a company based in Mataró ar 30Km. North of the Barcelona area.

Our activity is electronic instrumentation and sensors for temperature and pressure measurement and control.

You will find us at:

<http://www.senso.es>

SENSO ELECTRONICS S.L.U.

Camí de St.Crist, 13 1B
08302—MATARÓ, Barcelona
Tel: (+34) 93 759 38 85
www.senso.es
info@senso.es

