

DESCRIPTION

It is the combining of a dilatation thermometer and a resistance bulb Pt 100 Ohm at 0°C, and a thermocouple (type K,J,T,S,R,E) measuring range (-200° + 600°C).

- One single tap to indicate or control the temperature by remote control and on the spot.
- Possibility to change the resistance bulb without dismantling the thermometer (for TV straight type).
- Possible length up to 1500 mm

THE VOTEMP can be used in dangerous area, it is registered for its intrinsic security, or explosion proof.

1- TECHNICAL DESCRIPTION

- MARK A

- Stem Ø 9 stainless steel SS 316L ,or other material.

- MARK B

- Connection in stainless steel SS 316L or in other material in ½”, ¾”, 1”, gas or NPT male or female ,or other on request.

- MARK C

- Liquid dilatation thermometer optical glass type - Straight
 - Universal
 - Vertical type

- Case in :alloy steel

- : alloy steel epoxy painted

- :Bronze

- :Nicked or chromed bronze

- Liquid motor : -38°C + 620°C : Mercury

- -100°C + 220°C : Coloured organic liquid

- -200°C +50°C : Isopentane

-Measuring element :Resistance bulb Pt 100Ohm DIN 43760 or other , single.

Thermocouple : - K –

- J –

- T –

- S –

- R –

- E -

Guide pipe in stainless steel in option.

-MARK D

NIPPLE

A -STANDARD VERSION OR EE x i a II CT6

-The assembly can be of a nipple male-male Ø1/2" Sch 40 or Sch 80, minimum length 300mm, or a set connection (male-male, male-female, female-female) , with one or two nipples.

Thread ½" NPT ,conical gas, or cylindrical gas (with locking screw in option), or all other metrical threads up to M 24.

B- Version EE X D II CT6

The connection nipple is in stainless steel , aluminium, or steel ,contains an integrated firebreak.

- MARK E

ELECTRIC CONNECTION CASE

It is in alloy steel and it can be composed of a connecting block or a temperature transmitter .