



- Robust mechanical assembly
- IP Rating \geq IP64
- Can be customised
- Fast response-time

DESCRIPTION

This Push-in temperature probe contains a temperature sensor. The body of the probe can be immersed in different environments (air, water, oil). This type of probe offers a great range of cable types, cable diameter and housing materials. The product can also be equipped with a molded handle. The crimping of the housing on the cable gives a good strain relief and excellent water tightness.

FEATURES

TEMPERATURE SENSOR

Thermistor, nickel sensor, semi conductor, Pt100, Pt500, Pt1000 (simple or double)

- Tolerance class according to standard IEC 751 or customer specification for Pt element
- Temperature range from -40°C to $+100$, $+200$, $+250$, $+400^{\circ}\text{C}$ or more

BODY

- Custom immersion length (few centimeters to many meters)
- From $\text{Ø}3$ to $\text{Ø}12\text{mm}$
- Housing material: Stainless steel, Inconel, brass, copper, plastic.

CABLE

- Cable with 2,3 or 4 conductors
- Length of the cable : Customised
- Insulation type : PVC, Silicon, FEP, PTFE, Glass silk

OPTIONS

- Reduction diameter
- Handle
- Shielded cable
- Compression fitting
- Stainless steel flexible armor for cable prolongation
- Standard or specific connector
- Heatshrink protection tube
- High temperature

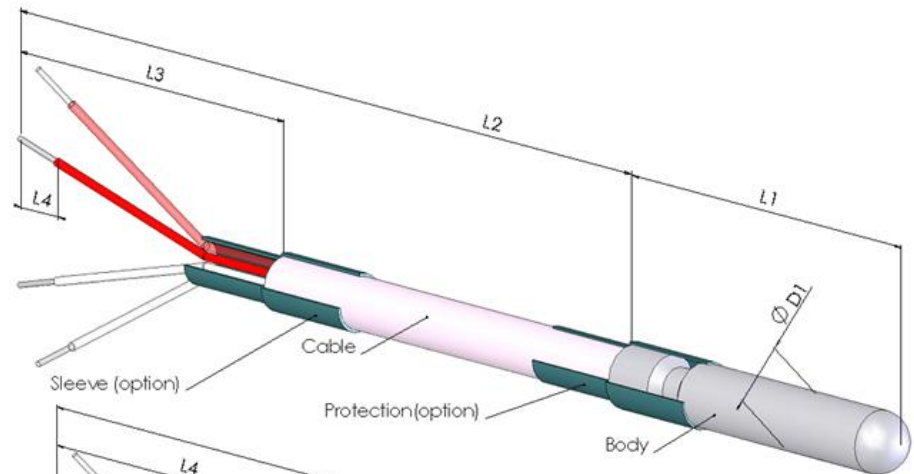
APPLICATIONS

Heating/cooling systems
Automotive
Laboratory
Industrial process monitoring
Energy
HVACR
Food industry

Push-in probe with cable extension

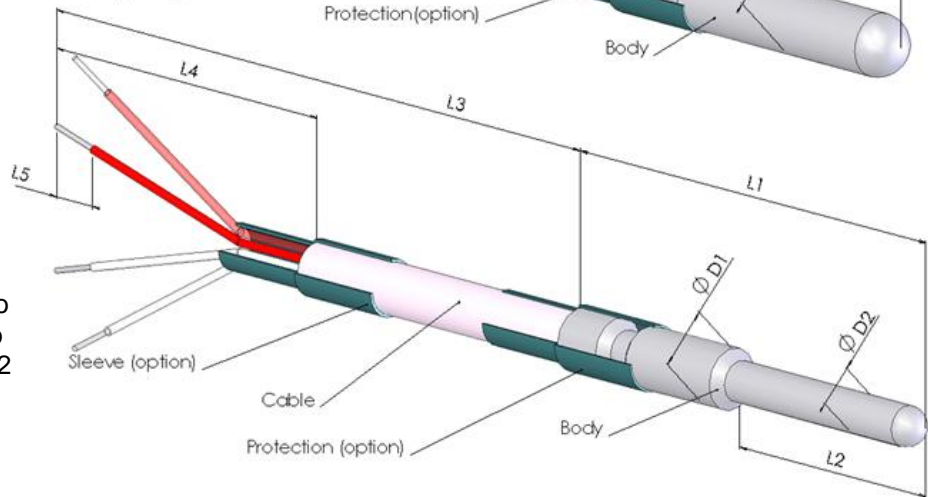
BLOCK DIAGRAM

Straight push-in probe



Push-in probe with diameter reduction

Length of the cable ($L1$ and $L2$) to specify, diameter ($\varnothing D2$) from 3 to 12mm and $\varnothing D1$ according to $\varnothing D2$



联系方式



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