

# GENERAL PURPOSE TEMPERATURE SENSOR

## SPP2 Series Temperature Sensor Assembly with Ceramic Connection Block.

- General Purpose Temperature Sensor
- 316 Stainless Steel Probe
- Choice Of Immersion Length
- 6 mm Sensor Diameter
- Ceramic Connection Block fitted
- Temperature Range (-50 to 350) °C at tip



### INTRODUCTION

The SPP2 series temperature sensor assembly is a general purpose product designed for use in the process industry. It consists of a class B Pt100 temperature sensor housed in a 316 Stainless Steel probe. It has a 6mm diameter stem with 3 choices of probe length providing a flexible immersion length with use of an optional compression gland. A ceramic connection block is provided, housed in an aluminium alloy connection head.

### SPECIFICATIONS @ 20 ° C

#### Sensor

Element:	Pt100 Class B 3 wire to IEC 60751
Probe Material:	316 Stainless Steel
Immersion Length:	100 mm, 150 mm, 200 mm
Diameter:	6 mm
Process Connection:	Optional Compression Gland (¼" or ½" BSP)
Head Thread:	M24 x 1.5
Sensor Wires:	7/0.2 Cu PTFE

#### Head

Cable entry:	M20 with Cable Gland
Material:	Aluminium Alloy
Cap Seal:	IP 68

#### Connector Block:

Construction:	Ceramic
Terminals:	4, slotted screw type

#### General

Temperature Range:	(-50 to 350) °C at tip
Max Head Temperature:	75 °C
Accuracy:	Class B Pt100

#### Order Codes

SPP2/11/CB4/100 mm  
SPP2/11/CB4/150 mm  
SPP2/11/CB4/200 mm