

GENERAL PURPOSE INDUSTRIAL THERMOMETER

SPP2 Series Temperature Sensor / Thermometer Assembly with adjustable immersion length.

- DM640P Battery Powered Temperature Display
- Temperature Probe 100 or 150mm Immersion
- 6mm Probe Stem Diameter
- Optional Compression Gland
- Temperature Range -50/200 Deg C at tip



INTRODUCTION

The SPP2 series temperature sensor and thermometer 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 2 choices of probe length providing a flexible immersion length with use of a compression gland.

Housed in an impact resistant ABS plastic connection head, the battery powered DM640P measures the sensor and displays the measured temperature in Deg C or F.

SPECIFICATIONS @ 20 ° C

Sensor

Element: Pt100 Class B 3 wire to IEC 60751
Probe Material: 316 Stainless Steel
Immersion Length: Max100mm, 150mm, 6mm Diameter
Process Connection: Opional Compression Gland
Head Thread: M24 x 1.5
Sensor Wires: 7/0.2 Cu PTFE

Indicator - See DM640P Datasheet for full details

Material: Impact Resistant ABS
Head Seal: IP 67
Input: Pt100
Accuracy: 0.2 °C

Output: 4 Digit LCD display 20mm

Temperature Range: (-50 to 200) °C at tip
Max Head Temperature: 70 Deg C
Accuracy Transmitter: As DM640P (see datasheet) plus class B sensor error

Order Codes

SPP2640P/100mm
SPP2640P/150mm

General

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D2486-01-02 SPP2_640p DATASHEET



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