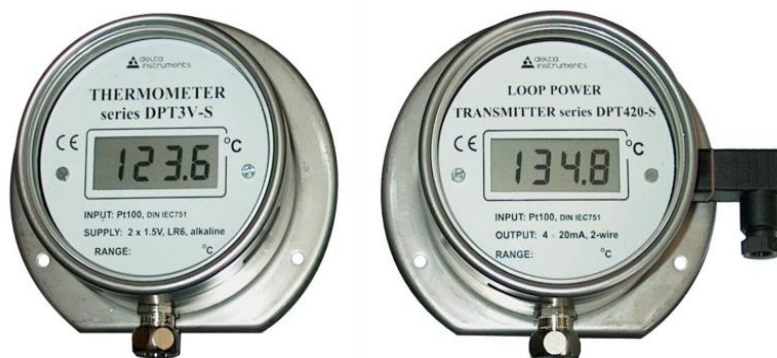


**DIGITAL
THERMOMETER**
(battery powered)
type DPT3V-S

**LOOP POWERED
TRANSMITTER**
type DPT420-S



- *Pt RTD 1.391 Sensor, Range – on request*
- *Battery powered Thermometer or Loop Power Transmitter*
- *3 1/2 LCD Display*
- *Stainless Steel Case, IP65 protection*

The DPT-S series Thermometer/Transmitter accept standard Pt100 (Pt500, Pt1000) sensor and digitally displays the temperature in °C (or °F). The resolution is 0.1°C or 1°C and depends on the instrument range. 2- or 3-wire connection of RTD probe is provided. The special 3-wire connection assures full line compensation of connecting wire resistance and permits a longer distance between the sensor and the instrument.

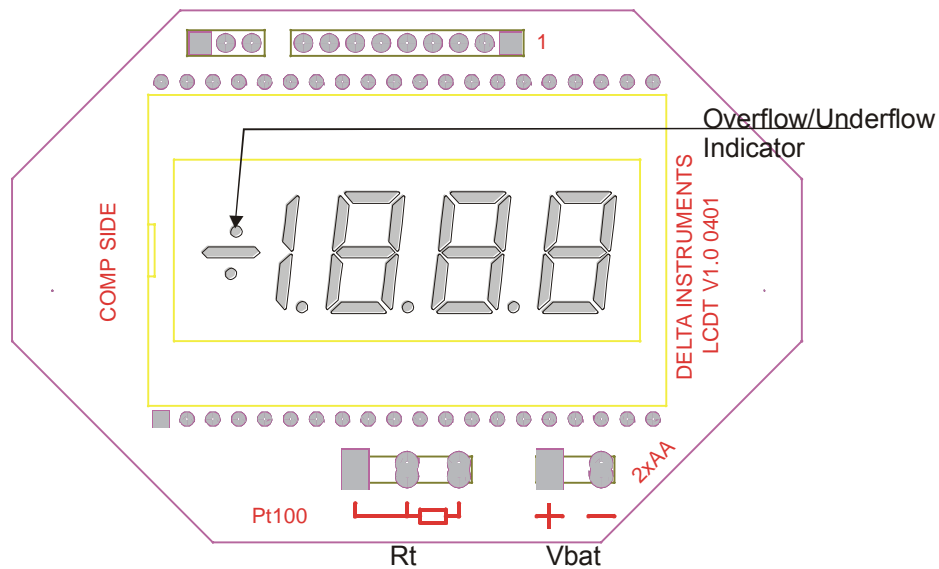
No separate power supply is required for the thermometer, as it takes power from the 3V (2x1.5V AA) Battery. The transmitter takes power from the current loop with a voltage drop of less than 8V.

The Thermometer/Transmitter DTP-S series is suitable for use in food, chemical and pharmaceutical industry, and many others.

* RTD probe – with dimensions – on request

DIGITAL THERMOMETER type DPT3V-S	LOOP POWERED THERMOMETER/TRANSMITTER type DPT420-S
<ul style="list-style-type: none"> - stainless steel case with 100 mm diameter, IP 65 - Input – Pt100, 3-wire connection - range -50°C to 200°C (or other on request) - 3 ½ digits LCD display, 13mm high, 4 sec update rate - outside working temperature – from -20°C up to 60°C - accuracy – 0.25 % F.S. - sensor cable length : up to 200 m - power supply – 3V (2 x 1.5V, alkaline batteries, 1,5Ah). Working time – appr. 3 years. Low battery indication. 	<ul style="list-style-type: none"> - stainless steel case with 100 mm diameter, IP 65 - Input – Pt100, 3-wire connection - range -50°C to 200°C (or other on request) - 3 ½ digits LCD display, 13mm high - analog output - two-wire 4-20mA, loop powered - outside working temperature – from -20°C up to 60°C - accuracy – 0.25 % F.S. - sensor cable length : up to 200 m

Connection diagrams:
Digital Thermometer



Loop Powered Thermometer / Transmitter

