

Liquid Filled Dial Thermometer

Liquid filled system based on liquid (other than mercury) expansion principle is used for measuring temperature ranging from (-) 30°C to 250°C.

It has faster response and the same is available in rigid stem as well as capillary type for remote sensing. Every angle type can be offered in all SS construction. Generally used where mercury type thermometer is not used in industries such as Food, Pharmaceutical, etc. The main advantage is its minimum immersion length required for sensing (as low as 30mm suffices for proper sensing thereby making it ideal for installing in lower line sizes)



Features

- Rugged construction
- Rigid stem or capillary type
- Suitable for pharmaceutical, food, biotechnology industry.
- Protection class IP-67
- Accuracy ± 1% FSD
- Minimum immersion length (as low as 30 mm suitable for lower line sizes possible)
- Case compensated system

Specifications

Ref. Standard ASME B 40.200, EN 13190

System Liquid filled, case compensated in accordance with SAMA CI. I B

Dial 100 mm or 150 mm in aluminium, white background,

black markings

Case SS304 / SS316 with bayonet bezel

Protection Weather proof to IP - 67 (IS/IEC : 60947 / IEC : 60529)

Window Shatterproof glass

Pointer Aluminium, black, micrometer adjustable

Stem S304 or SS316 in 6 mm, 8 mm, 10 mm, 12 mm dia as standard

(immersion length as small as 30 mm possible).

Capillary SS Covered / SS Covered + PVC / SS Covered + SS armoured /

SS Covered + SS Armoured + PVC (up to 5 Mtr.).

Connection 1/2" NPT (M) as standard in SS304 or SS316 three piece adjustable

compression fitting.

Range (-) 30°C to 250°C with a minimum span of 50°C

Accuracy ± 1% FSD
Over range 125% FSD
Reset Micrometer Pointer
Optional Silicone Oil Filled Case

Note 1) For minimum insertion length essential for proper sensing,

contact our design department.

2) Three point calibration certificate accompanies each thermometer.





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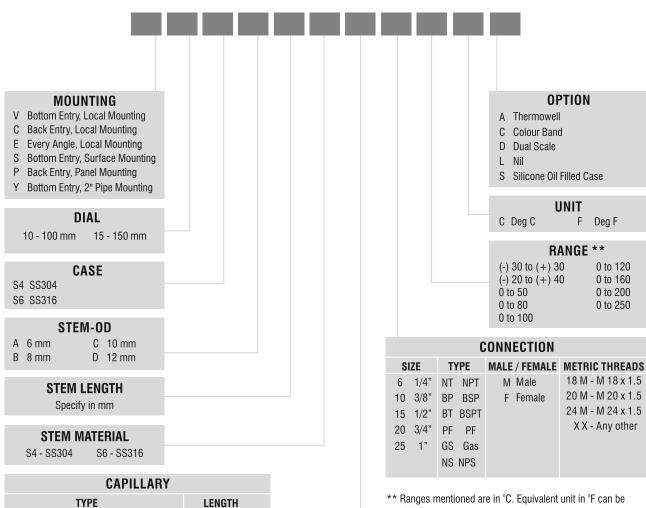
Ordering Information

LDT-R - Rigid Stem LDT-C - Capillary Type

SC SS Covered

SP SS Covered + PVC
SA SS Covered + SS Armoured
SAP SS Covered + SS Armoured + PVC
N Not Applicable for LDT-R type.

MODEL: LDT-R/LDT-C



^{**} Ranges mentioned are in °C. Equivalent unit in °F can be provided on request.

(Max upto 5 metre)

The recommendations made in this catalogue are to be used as intended guide. No guarantee of material can be undertaken since other factors may affect the performance. We reserve the right to change the specifications mentioned in this catalogue without any notice as improvements & development is a continuous process at "Pyrosales". Responsibility of typographical errors is specifically disclaimed.

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