

Gas Filled Dial Thermometer

Gas filled Temperature Gauge overcomes most of the limitations of other members of family. It is offered in a very wide temperature range i.e. (-)200 to 800°C. Practically any stem length can be offered and capillary length as long as 25 mtr, without any loss of accuracy. Inert, non hazardous, non toxic nature of the filled system makes it virtually ideal choice of cross section of industries.

Features

- Use of inert gas - N₂
- Suitable for sanitary application
- All SS construction
- Rigid stem or capillary type
- Fast response
- Non-polluting, environment friendly
- Non-hazardous for the service
- High reliability
- IP-67 protection
- Accuracy \pm 1% FSD



Specifications

Ref. Standard	ASME B 40.200, EN 13190
System	Gas (N ₂) filled, case compensated in accordance with SAMA Cl. III B
Dial	100 mm / 150 mm in aluminium, white background, black marking
Case	SS304 / SS316 with bayonet bezel
Protection	Weatherproof to IP-67 (IS/IEC : 60947 / IEC : 60529)
Window	Shatterproof glass
Pointer	Aluminium, black with micrometer adjustment
Stem	SS316 in 6 mm, 8 mm, 10 mm, 12 mm dia as standard
Capillary	SS Covered / SS Covered + PVC / SS Covered + SS armoured / SS Covered + SS Armoured + PVC (up to 25 Mtr.).
Connection	1/2"NPT (M) adjustable three piece compression fitting in SS304 or SS316
Range	(-) 200°C to 800°C with minimum span of 80°C
Accuracy	\pm 1% FSD
Overrange	125% FSD
Reset	Micrometer Pointer
Optional	Silicon 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. 3) For operating temp > 600°C; stem of SS310 / Inconel 600 shall be recommended.



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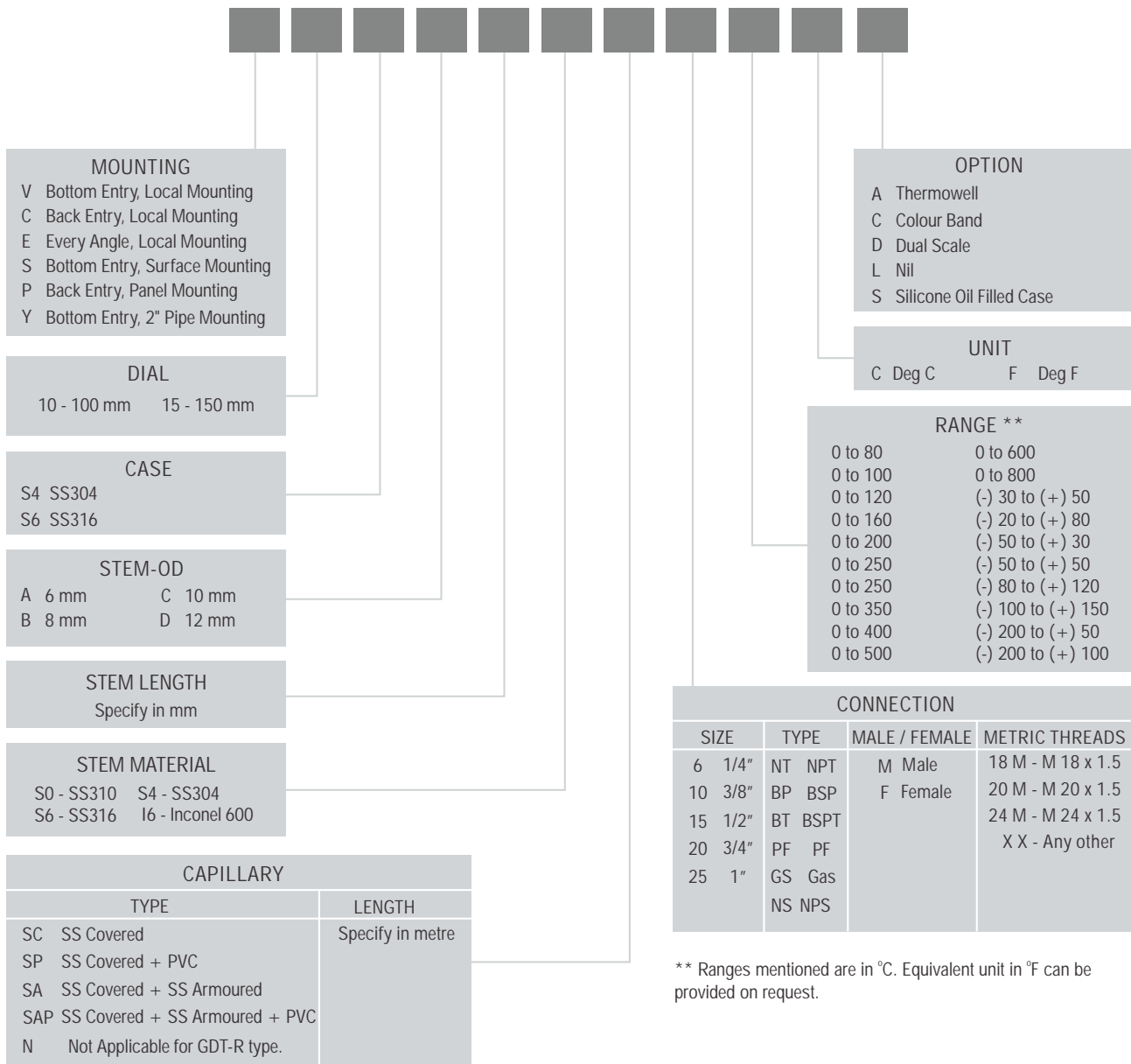


Ordering Information

GDT-R - Rigid Stem

GDT-C - Capillary Type

MODEL : GDT-R / GDT-C



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

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 General. Responsibility of typographical errors is specifically disclaimed.