

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

| | |
|-------------------|--|
| System | : Gas (N ₂) filled, case compensated in accordance with SAMA Cl. III B |
| Dial | : 100 mm or 150 mm in aluminium, white background, black marking |
| Case | : SS304 / SS316 with bayonet bezel |
| Protection | : Weatherproof to IP-67 (IS:13947 Part I) |
| Window | : Shatterproof glass |
| Pointer | : Aluminium, black with micrometer adjustment |
| Stem | : SS316 in 8 mm, 10 mm, 12 mm dia as standard |
| Capillary | : SS solid drawn or SS armoured or SS + PVC covered up to 25 M |
| 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 in accordance with EN 13190 |
| Overrange | : 130% FSD |
| Zero Reset | : Micrometer pointer |

Note :For minimum immersion length (excluding thread length) for proper sensing, contact our design department.

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How to Order

TYPE

GDT-R - Rigid Stem

GDT-C - Capillary Type

