

Skin Type - Gas Filled Dial Thermometer

MODEL : GDT-SK-R / GDT-SK-C

Pyrosales Skin type temperature gauges are used for measurement of surface temperature of process lines. These gauges are available in 100mm & 150mm dial sizes. Inert, non hazardous, non toxic nature of the filled system (nitrogen) makes it virtually ideal choice of all type of industries. Micro-Switch can be provided as per process requirement.

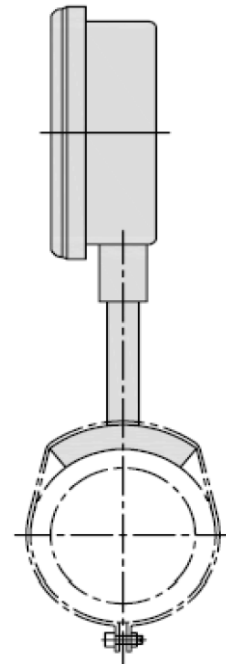
Features

- Suitable for surface temperature measurement
- Use of inert gas - Nitrogen (N₂)
- All SS construction
- Direct mounting or remote mounting with capillary
- Fast response
- Non-polluting, environment friendly
- Non-hazardous for the service
- High reliability
- IP-68 protection
- Accuracy $\pm 1\%$ FSD



Specifications

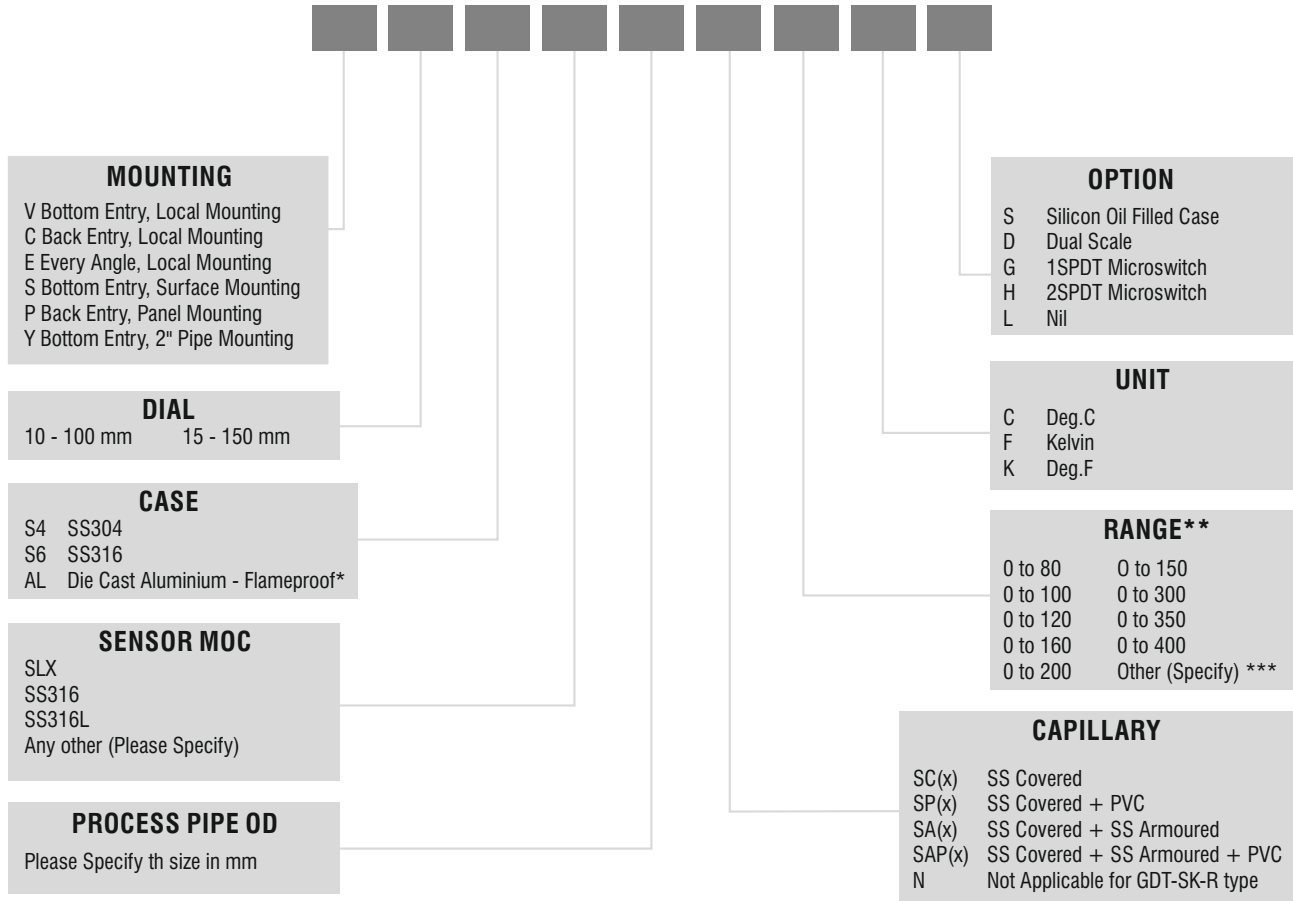
Ref. Standard	ASME B 40.200, EN 13190
System	Gas (N ₂) filled, case compensated in accordance with SAMA Cl. III B
Dial	100 mm / 150 mm in aluminium, white background, black marking
Case	SS304 as standard (SS316 on request)
Protection	Weatherproof to IP-68
Window	Shatterproof glass
Pointer	Aluminium, black with micrometer adjustment
Sensor / Bulb	SS316 to suit OD of process pipe
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 400°C with minimum span of 80°C
Accuracy	$\pm 1\%$ FSD
Over range	125% FSD
Reset	Micrometer Pointer
Optional	Silicon Oil Filled Case (Not Applicable for Gauge with Microswitch) 1SPDT / 2SPDT Microswitch Flame proof (IIA/ IIB/ IIC) enclosure in Die Cast Aluminium (applicable for Remote mounted Gauges with Microswitch only)



Ordering Information

GDT-SK-R : Rigid Stem type
GDT-SK-C : Capillary type

MODEL : GDT-SK-R / GDT-SK-C



(x) specify the Capillary Length in Metre
e.g. for 3 Mtr SS covered Capillary, Code: SC(3)

* Die Cast Aluminium Case available in Flameproof version only (for Gauge with Microswitch & Remote mounting)
** Ranges mentioned are in °C. Equivalent unit in °F or K can be provided on request.
*** Compound Ranges with negative temperature also can be provided within the above span

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.