

All stainless steel gas actuated thermometer

Model GTS

Nominal size 100 mm, 115mm or 150 mm

Accuracy: Class 1 (1%)

Features

- Rugged stainless steel construction
- Fast response
- Protection IP65
- High repeatability and small hysteresis
- Dry or liquid filled
- Rigid stem or bulb with capillary

Ranges

-50 ... 50 °C up to 0 ... 400 °C

-60 ... 120 °F up to 50 ... 750 °F

Applications

Chemical and petrochemical industry

Machine and apparatus construction

Food and beverage industry

Pulp and paper industry



Technical specification	Rigid stem			With capillary		
Dial size in mm	100	115	150	100	115	150
Construction	Cylindrical case with bayonet ring					
Measuring principle	Inert gas actuated					
Range in °C	0/60 0/80 0/100 0/120 0/160 0/200 0/250 0/300 0/400 -10/50 -10/110 -20/40 -20/100 -20/120 -20/180 -30/50 -30/70 -30/170 -40/40 -40/60 -40/160 -50/50 Ranges in °F and dual scales on request Max. 130 % F.S.					
Over temperature limit	Max. 130 % F.S.					
Stem or bulb diameter	6 mm, 8 mm, 10 mm, 12mm					
Lengths	100 ... 4000 mm, other length on request, min. length depends on bulb diameter					
Capillary length	N.A.			Max. 30 m		
Process connection	Plain 1/4" 3/4" 1" BSP / NPT (M), M20x1.5, M24x1.5, M27x2 Fixed, adjustable or with swivel nut					
Connection location	Back, lower, knee joint bendable (180°), knee joint bendable (360°)					
Material	Stainless steel 316 Stainless steel 316L Stainless steel 304 , optional 316L Stainless steel 316 Flexible, SS 304 optional PVC covered Instrument glass, optional laminated safety glass Aluminum, black markings on white background Aluminum, black, optional micrometer pointer others on request Stainless steel 304					
Accuracy	Class 1					
Protection	IP65					
Filling liquids	Silicone					
Weight dry/filled in kg						
Accessories, options	Thermowells, dual scales, magnet spring- or inductive contacts, calibration certification					

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All specifications are subject to change without notice.

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