



Rigid Stem Thermometers

Description

Stainless steel inert gas industrial dial thermometer Model STN/R

According to BS EN 13190 Nominal sizes, 63, 100, 160 and 250 mm Accuracy: Class 1.6, (63mm) Class 1

Features

Rugged stainless steel case construction

Bayonet locking case and bezel

Protection to IP65

Usable at full scale

Chrome moly coiled element

Over-range protection 130% (max 800 deg C) Ranges

Ranges

From -200 to + 800 deg C

Applications

Heating and Ventilation Industry

Machine and Apparatus Construction

Model	
STN/--	Dry
STN/--/GL	Glycerine Filled
STN/--/SI	Silicone Filled

Specifications:

	STN/R			
Dial Size	63	100	160	250
Construction	Flush fitting bayonet locking case and bezel			
Measuring Element	Chrome moly coil			
Ranges {bar}	See table STN 1			
Over-range limit	130% full scale, short periods. (Max 800 deg C)			
Process Connection	1/4bsp, 3/8bsp, 1/2bsp according to EN837 1/4npt, 1/2npt, according to ANSI/ASME B1.20.1			
Material Construction				
Stem / Bulb	321 Stainless steel, optional 316			
Stem / Bulb dia (mm)	6, 6.35, 8, 9.5, 10, 12, 12.5, 16			
Case / Bezel Ring	Stainless steel AISI 304L			
Window	Instrument glass ...optional...laminated safety glass...acrylic glass			
Dial	Aluminium, black figures on white... optional...steel...other colours			
Pointer	Aluminium, black, optional micro adjustment, steel			
Movement	Brass			
Accuracy	Class 1.6 (63mm) Class 1 (1% F.S..D.)... optional class 0.6 (0.6%)			
Permissible Ambient Temp.	Degree C +10, +30			
Temperature Effect	Max. 0.3% / 10 Deg C			
Protection	EN 60 529 IP65			
Filling Liquid	Glycerine (GL) Silicone (SI)			
Mountings	Direct bottom, direct centre back			
Weight dry / filled {kg}				
Accessories	Electrical Contacts, Index Pointers, Fitting, Thermowell			

All specifications are subject to change without notice

Options

Special Dial Marking
Special Range
Special Connections
Micro-adjust Pointer
Maximum Demand Pointer
Red Setting Pointer
Acrylic Window
Laminated Window
Calibration 0.6%
Electrical Contact

	D1	D2	L1	L2	L3	L4	L5
63							
100	99	101	132	118	107	132	118
160	159	161	192	178	167	192	178
250	250	253	289	276	265	289	276

