

SPECIAL FEATURES

RESIST TO HIGH TEMPERATURE & EXCESSIVE VIBRATION SYSTEM
ROBUST CONSTRUCTION
CORROSION, WEAR & TEAR PROOF
SILICONE OIL FILLED
ACCURATE & RELIABLE

APPLICATIONS

THIS NITROGEN FILLED THERMOMETER IS THE MOST WIDELY SPECIFIED INSTRUMENT FOR MEASURING EXHAUST GAS TEMPERATURES IN DIESEL ENGINES. THE NITROGEN FILLED SYSTEM IS BOTH RELIABLE & ACCURATE AS WELL AS ENVIRONMENT FRIENDLY. THE INSTRUMENTS ARE PROTECTED AGAINST VIBRATION USING SILICONE OIL TO ENSURE MAXIMUM LIFE UNDER THE MOST SEVERE CONDITIONS.

THE INSTRUMENT FIELD APPLICATIONS ARE REFINERY, DIESEL POWER GENERATION SETS, POWER, PULP & PAPER, SHIPPING, OFFSHORE, DG SETS, OIL ENGINES & ALLIED PROCESS INDUSTRIES.



STANDARD VERSION **NOMINAL SIZE : 100 mm**

Accuracy class	1 as per EN 13190
Ambient temperature	-40 to 100° C
Process temperature	Max. 65° C
Stem diameter	12 mm
Process connection	3/4" BSP (M) adjustable
Case & Bezel	Die cast aluminium
Movement	Copper alloy
Stem & connection	AISI 304 SS
Joints	Tig argon arc welding
Protection	IP 65
Dampening liquid	Silicon oil
Dial	Aluminium, black graduation on white background
Pointer	Aluminium, black coloured zero adjustable
Window	Sheet Glass
Gasket & filling plug	NBR

HOW TO ORDER

BASIC MODEL

CODE

NOMINAL SIZE

F
100 mm

MOUNTING

2 DIRECT BOTTOM ENTRY

PROCESS CONNECTION

4BM 1/2" BSP (M) 6BM 3/4" BSP (M) (Standard) 4NM 1/2" NPT (M)

PROCESS CONNECTION TYPE

ZI ADJUSTABLE (Standard)

STEM LENGTH

200 mm 250 mm 300 mm

RANGE (Standard)

+ 50 TO 650 °C WITH °F SCALE (Limits of Error ±10 °C as per EN 13190)

OPTIONAL EXTRAS

PW FIVE POINT FACTORY CALIBRATION CERTIFICATE SX SS TAG PLATE
RH CUSTOM DESIGNED DIAL SW DIAL TAG MARKING
GH MATERIAL TEST CERTIFICATES*

Example

T-03

X

X

XXX

XX

200 mm

**50 to
650 °C**

XX

*MATERIAL TEST CERTIFICATES WILL BE PROVIDED FOR WETTED PARTS ONLY WITH CHEMICAL COMPOSITION TESTING. FOR OTHERS, PLEASE CONSULT FACTORY.

ACCESSORIES (* Refer Datasheet for Thermowells)

* Thermowell

Ordering Example: T-03 - X - X - XXX - XX - 200 mm - 50 to 650°C - XX

FOR OTHER OPTIONAL ITEMS, PLEASE CONTACT FACTORY FOR DELIVERY AND MINIMUM QUANTITY OF ORDER.