Rigid high temperature pyrometer

Gas expansion thermometers manufactured according to EN 13190 standard. Reliable tools that withstand extreme working conditions: engine vibration, humidity and aggressive media such as seawater.

Especially designed to measure the temperature of the exhaust gases of the engines. The pyrometer box is filled with silicon oil serving as a vibration dampener.
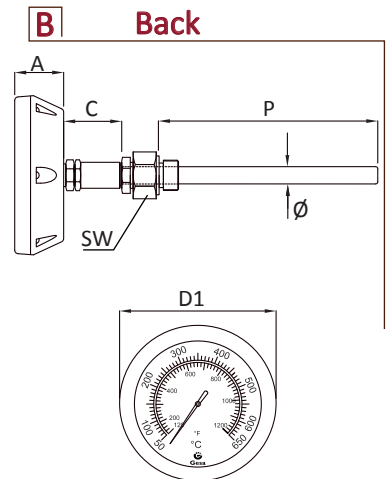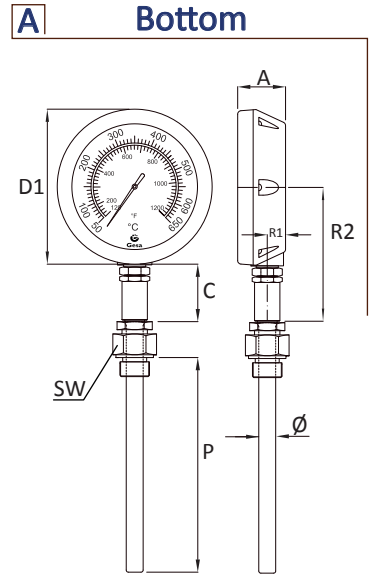
Application:
· **Engines**
· **HVAC**

STANDARD PARAMETERS

Design: EN 13190

Mounting: See attached diagrams **A** or **B**

Closing: Ring threaded to case. Sealed by rubber gasket

IP protection: IP65 (EN 60529)

Accuracy: Class 1.6

Temperature limits:
   Room temperature: -40+65°C
   Fluid overtemperature: maximum 15% end of scale
   Max. pressure on stem: 50 bar

Temperature range: +50+650 °C/°F

Sensor element: Bourdon tube (Inert gas expansion)

Stem length (P): **150; 200; 300; 400** mm

Process connection: Sliding on the stem

Threaded connection: ½"BSP, ½"NPT, ⅜"BSP, ¾"BSP, M20x150 or **M22x150**

Antivibration liquid: Silicon oil

Vibration damping system: Rigid

MATERIALS

Case and ring: Black anodized aluminum

Moving parts and bourdon tube: Copper alloy

Threaded connection: AISI 304 Stainless steel

Display: Glass

Dial: White lacquered aluminum

Pointer: Black lacquered aluminum

Stem: AISI 304 Stainless steel

A Bottom

B Back

DIMENSIONS (mm)									WEIGHT (g)
DN	Mounting	R1	A	D1	Ø	R2	SW	C	
Ø100	**A**	12	32	118	12	100	27	42	877
Ø100	**B**	-	32	118	12	-	27	42	877

Temperature scale according to DIN 16206

Scale printed on the dial (°C)	Working range (°C)	Subdivision °C/line	Maximum error
+50+650	+100+600	10	10

How to order

1.Mounting
A   B

2.Stem length (mm)
150   300
200   400

3.Process connection
Sliding on stem

4.Threaded connection
½"BSP   ⅜"BSP   M20x150   More on demand
½"NPT   ¾"BSP   M22x150

5.Connection type
Male
Female

6.Connection material
AISI 304 Stainless steel

7.Calibration certificate traceable to ENAC
3 points   6 points
4 points   7 points
5 points   Without certificate

	1	2	3	4	5	6	7
D23 -							

Order it online!

✉ sales@teximor.pl