



All models are rugged, totally self-contained, and allow the user to benefit from the improved efficiency and quality that goes with pressure monitoring.

The Gefran melt pressure gauge provides reliable, maintenance-free, localized pressure indication. The small capillary tube filled with a special medium isolates the gauge housing from potential thermal damage.

MAIN FEATURES

- Economically priced
- 1.5 times overload capacity
- Easy-to-read display
- 1/2-20 UNF thread standard, M18 x 1.5 also available
- 15-5 PH stainless steel diaphragm with Armoloy coating standard (others available on request)
- No power required

M50 The rigid stem configuration makes installation fast and easy.

M51 The flexible configuration is designed for applications requiring further thermal isolation or where installation would be otherwise difficult or impractical.

M52 The pressure/temperature configuration requires only one mounting hole for the measurement of both process values.

TECHNICAL SPECIFICATIONS

Nominal Accuracy including Linearity, Repeatability, Hysteresis	L $\leq \pm 1.0\% \text{ FSO}$	
Measurement Range	0–350 or 0–700 bar 0–5000 or 0–10000 psi	
Maximum Overpressure	1.5 x FSO	
Measurement Principle	Bourdon tube	
Housing Temperature Range	-30–85°C (-22–185°F)	
Maximum Diaphragm Temperature	400°C (750°F)	
Zero drift due to change in process temperature	0.02 bar/°C (15 psi/100°F)	
Material In Contact with Process Medium	Standard	15-5PH SS (Armoloy coated)
Thermocouple (model M52)	STD : type "J" (isolated junction)	

FSO = Full Scale Output (output signal at nominal pressure)

ACCESSORIES

Accessories

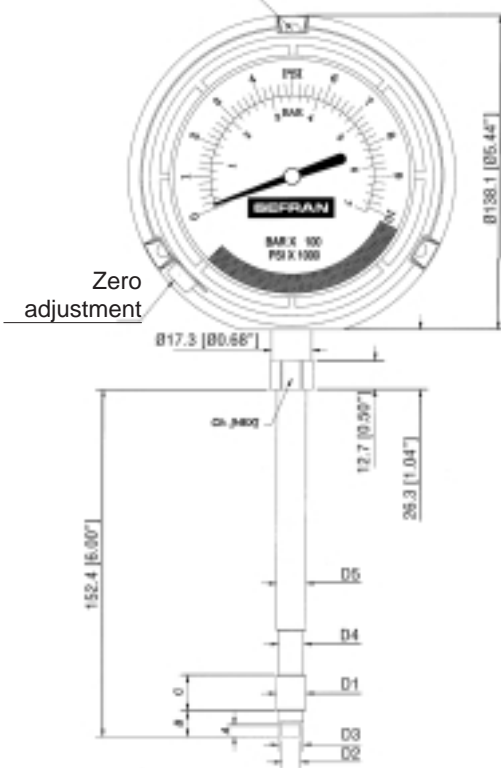
Mounting bracketSF18
Dummy plug for 1/2-20UNFSC12
Dummy plug for M18x1.5SC18
Drill kit for 1/2-20UNFKF12
Drill kit for M18x1.5KF18
Cleaning kit for 1/2-20UNFCT12
Cleaning kit for M18x1.5CT18

Thermocouple for M52 model

Type "J" (153mm – 6" stem)TTER718
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MECHANICAL DIMENSIONS

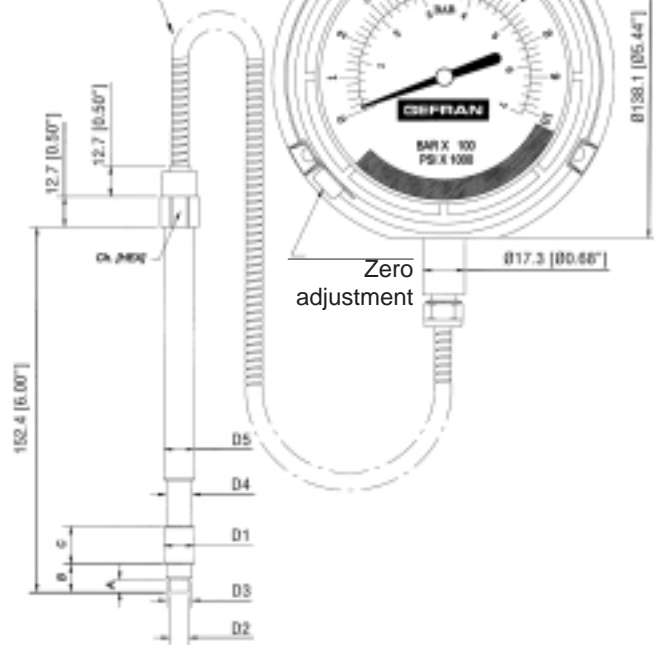
ø 4.7 [ø0.018] Panel mounting



M50

ø 4.7 [ø0.018] Panel mounting

ø7.5 [ø0.30"] 457 [18"]
Flexible armor



M51

D1	1/2-20 UNF
D2	ø7.8 -0.05 [ø0.307" -0.002]
D3	ø10.49 ±0.025 [ø0.413" ±0.001]
D4	ø10.67 [ø0.42"]
D5	ø12.7 [ø0.5"]
A	5.56 -0.26 [0.219" -0.01]
B	11.4 [0.45"]
C	15.75 [0.62"]
Ch [Hex]	16 [5/8"]

D1	M18x1.5
D2	ø10 -0.05 [ø0.394" -0.002]
D3	ø16 -0.08 [ø0.630" -0.015]
D4	ø16 -0.4 [ø0.630" -0.015]
D5	ø18 [ø0.71"]
A	6 -0.26 [0.236" -0.010]
B	14.8 -0.4 [0.580" -0.016]
C	19 [0.75"]
Ch [Hex]	19 [3/4"]

NOTE:

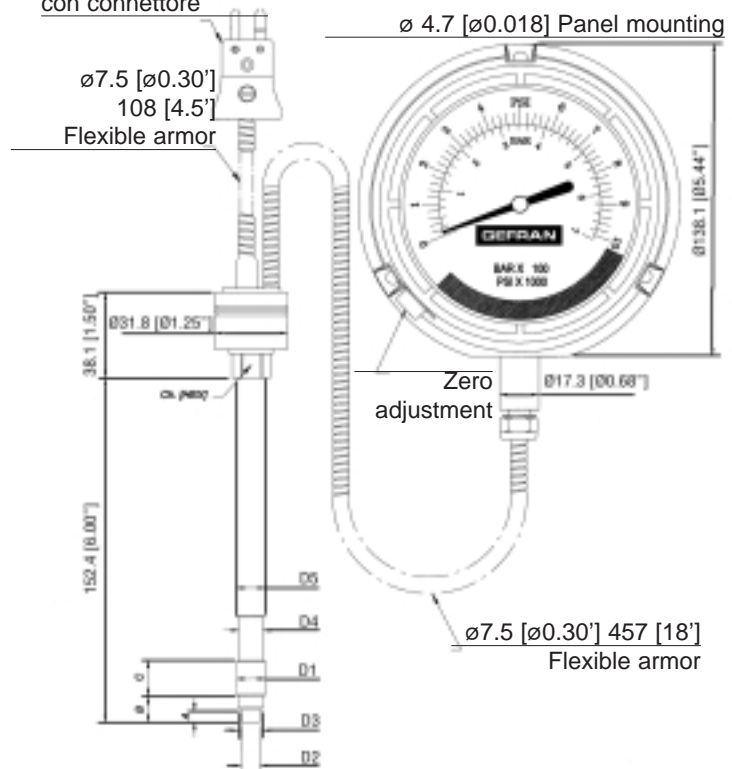
Dimensions refer to rigid stem length option "4" (153mm – 6") and flex length option "D" (457mm – 18")

WARNING:

For installation, use a maximum tightening torque of 56 Nm (500 in-lb)

Termocoppia tipo J
con connettore

ø7.5 [ø0.30"]
108 [4.5"]
Flexible armor



M52

