

400FG Series



Minimum/Maximum Temperature Limits

Ambient	Process	Storage
20 °F to 150 °F (-7 °C to 66 °C)	20 °F to 150 °F (-7 °C to 66 °C)	0 °F to 150 °F (-18 °C to 66 °C)

Operating Pressure Range: 75% of Scale Value

Over Pressure Limit: 125% of Max. Scale Value

Case: AISI 304 SS (Stainless Steel)

Mounting: Stem, Surface, Pipe, Panel

Lens: Polypropylene

Joints: Alloy Brazing/Soldering

Socket: Brass

Bourdon: Brass

Movement: Brass

Dial: Aluminum

Pointer: Fixed, Not Adjustable Aluminum

Window: PC lens

Range: Vacuum to 10,000 psi

Features

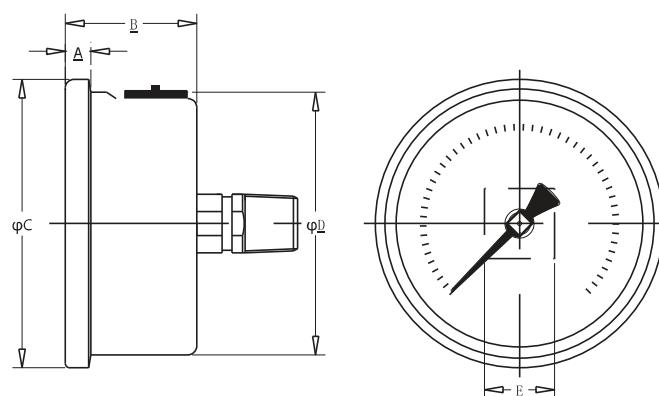
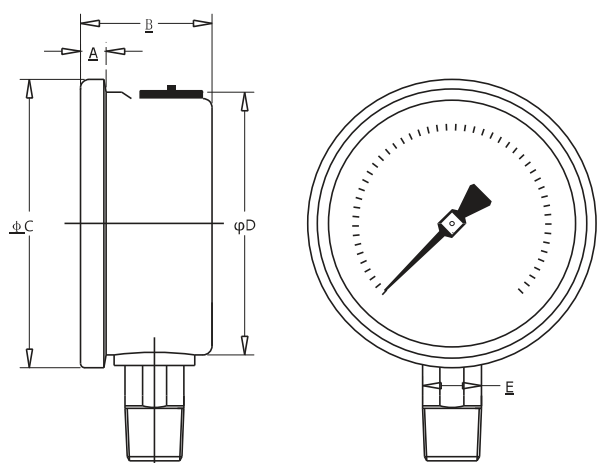
- Standard Followed ASME-B 40.1 / EN837-1
- Built in Stabilizer Movement
- IP 65
- Full scale accuracy 2/3/2%
- Metric readings in red
- White scale with black graduations and numerals
- Brass Bourdon tube and socket
- Suitable for water, air, oil, gas or any medium not corrosive to copper alloys
- Corrosion resistant stainless steel case and ring
- Glycerin Filled for Vibration Resistance (temperature limits see above)

400FG Series

Accuracy(as per ASME B.40.1/EN837-1)

1.5"/2" 3-2-3 Grade B

2.5"/3"/4" 2-1-2 Grade A



NS	NS	A	B	ϕC	ϕD	E	Weight (lbs)
Crimped type	1.5"	0.2"	1"	1.84"	1.6"	0.43"	0.18
	2"	0.24"	1.16"	2.3"	2"	0.55"	0.26
	2.5"	0.24"	1.22"	2.68"	2.44"	0.55"	0.40
	3"	0.27"	1.37"	3.43"	3"	0.67"	0.60
	4"	0.32"	1.85"	4.3"	4"	0.87"	1.32
Bayonet type	2.5"	0.5"	1.4"	2.68"	2.44"	0.55"	0.40
	3"	0.43"	1.4"	3.5"	3.15"	0.67"	0.60
	4"	0.5"	1.87"	4.4"	4"	0.87"	1.32

NS	NS	A	B	ϕC	ϕD	E	Weight (lbs)
Crimped type (CBM)	1.5"	0.2"	1"	1.74"	1.6"	0.43"	0.18
	2"	0.24"	1.16"	2.3"	2"	0.55"	0.26
	2.5"	0.24"	1.22"	2.68"	2.44"	0.55"	0.40
	3"	0.27"	1.37"	3.43"	3"	0.67"	0.60
	4"	0.32"	1.85"	4.3"	4"	0.87"	1.32
Bayonet type (LBM)	2.5"	0.5"	1.4"	2.68"	2.44"	0.55"	0.40
	3"	0.47"	1.4"	3.3"	3"	0.55"	0.60
	4"	0.5"	1.87"	4.4"	4"	0.87"	1.32

400FG Series

Dial

Code	Dial Size
15	1.5"
20	2"
25	2.5"
35	3.5"
40	4"
60	6"

Connection

Code	Connection Size
01	1/8"
02	1/4"
03	3/8"
04	1/2"
06	3/4"
Code	Connection Location
L	Bottom
B	Back

Pressure Ranges

-30/0 PSI	0-15 PSI	0-1000 PSI
-30/30 PSI	0-30 PSI	0-1500 PSI
-30/60 PSI	0-60 PSI	0-2000 PSI
-30/100 PSI	0-100 PSI	0-3000 PSI
-30/150 PSI	0-160 PSI	0-4000 PSI
	0-200 PSI	0-5000 PSI
	0-300 PSI	0-6000 PSI
	0-400 PSI	0-10000 PSI
	0-600 PSI	

Optional Extras

SG Oxygen Service (For Dry Version)
OA Accuracy + 0.5% of F.S.
SF Movement With Dampening Jelly
RI 25mm Bod
SI Knife Edge Pointer
FN 2" Pipe/Yoke Mounting Bracket and 'U' Clamp (Aisi 316ss)
RG Anti Parallax Mirror Band Dial
RH Custom Designed Dial
ZB Receiver Range
AT Atex (As Per 2014/34/Eu)
ZC Freon Range (With Temperature Scale)

ZD Ammonia Range (With Temperature Scale)
SW Dial Tag Marking
RW Plexiglass
SJ Maximum Reading Pointer With Plexiglass Fillable Version
ZM Electro Polished Case & Bezel
CK Epoxy Painted Case & Bezel
SQ Case With Rolling Type Bezel
OS Case With Bayonet Type Bezel
PS Aisi 316ss Case & Bezel
KA On-Off Type Vent Plug
SX Ss Tag Plate
SY Aisi 316ss Tag Plate

FK Integral Dampening Screw (Brass)
FS Fillable Liquid Silicon Oil
ZZ Dielectric Oil Filled
PX Dampening Liquid Flourolube Filled
PY Dampening Liquid Glycerine Oil Filled
PZ Dampening Liquid Mineral Liquid Filled
QA Dampening Liquid Silicon Oil Filled
GH Traceable to NIST Standards

How to Order

Example Product #: **25 400FG 02 B 0-5000PSI-OA**

Dial Size Code	Series	Connection Size	Connection Location	Pressure Range	Optional Extra (Leave Blank if None)
25	400FG	02	B	0-5000 PSI	OA