

FEATURES

- Rugged construction
- Moving dial system

APPLICATION

- Mud pumps
- Petroleum industries
- Well drilling

Diaphragm



STANDARD PARAMETERS

Accuracy	:	CL 2.0
Ambient temperature	:	-20... +65°C
Service temperature	:	65°C max.

MATERIAL OF CONSTRUCTION

Sensing element	:	Diaphragm
Case & Ring material	:	Gun metal casting, grey hammertone finish, screwed
Diaphragm	:	Stainless Steel
Diaphragm protection	:	Rubber
Shank	:	Anti-corrosion treated mild steel
Movement mechanism	:	Stainless Steel
Dial	:	Aluminum, stove enameled white, with black marking
Gaskets	:	Neoprene
Window	:	Plexi glass

STANDARD SPECIFICATIONS

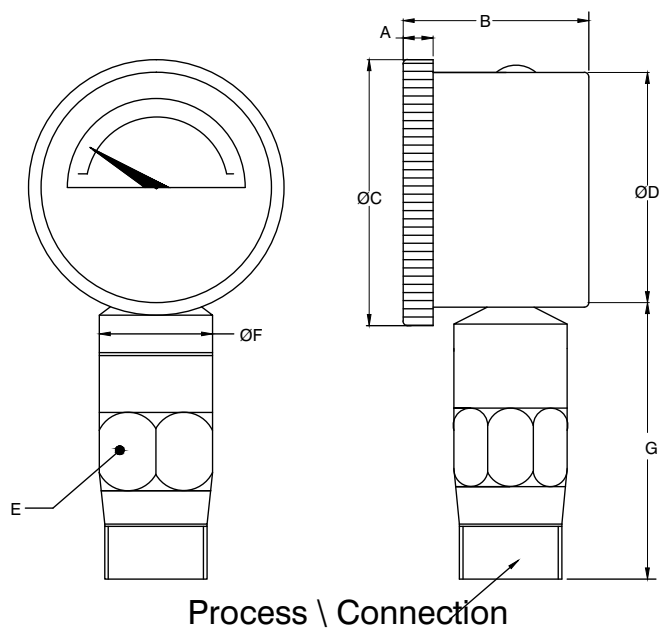
Dial size	:	DN100
Range	:	0...40 bar [B16], 0...60 bar [B17], 0...100 bar [B19] 0...160 bar [B21], 0...250 bar [B24], 0...400 bar [B27] 0...600 bar [B29], 0...800 bar [B59]
Mounting pattern	:	Direct, Bottom connection
Process connection	:	2" NPT (M)
Ingress protection	:	IP 65
Execution	:	Dampening glycerin liquid filled

TEMPERATURE EFFECT

When temperature of the measuring system deviates from reference temperature (+20°C) max error $\pm 0.4\%$ / 10K of true scale value.

REFERENCE

DIMENSIONAL DRAWING



DN	A	B	ØC	ØD	E	ØF	H	Weight (grams)
10	51	115	125	250	65	65	125	3460

All dimensions are in mm.

ORDERING CODES

1. DIAL SIZE

04 100 mm / 4"

04

2. RANGE

XXX Refer "Range Table"

XXX

3. MOUNTING PATTERN

B0 Direct, Bottom connection

B0

4. PROCESS CONNECTION

17N 1½" NPT (M)

18N 2" NPT (M)

17B 1½" BSP (M)

18B 2" BSP (M)

18N

5. INGRESS PROTECTION

ER IP 65

ER

6. EXECUTION

EG Dampening liquid filled, glycerine

EG

Ordering Example : P803-04-XXX-B0-18N-ER-EG

NOTES

1. For other connections, please contact factory.