

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

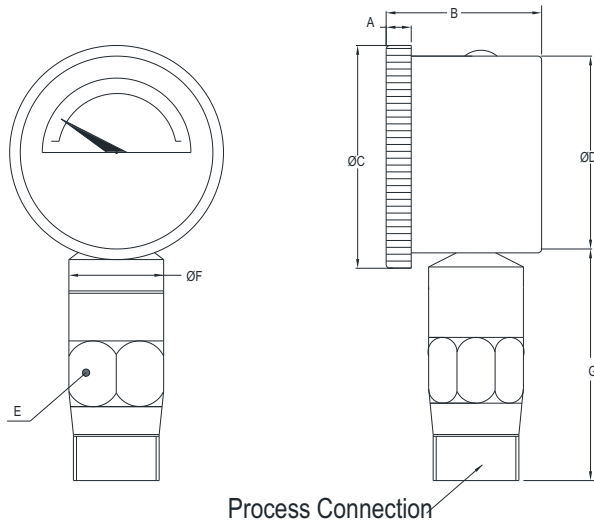
TEMPERATURE EFFECT

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

REFERENCE

EN 837-1

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

B16 0...40 bar	B17 0...60 bar
B19 0...100 bar	B21 0...160 bar
B24 0...250 bar	B27 0...400 bar
B29 0...600 bar	B59 0...800 bar

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.