



## Stainless steel diaphragm pressure gauges PF160E

Part no. 85936402

Stainless steel diaphragm pressure gauge type D4

### benefits

- robust and compact design
- various process connections possible
- flush mounted versions without transmission liquid
- wetted area without seals due to welding
- GOSSTANDART-certified

### Application

For corrosive gaseous and liquid media, also for use in corrosive environments. With open connection flange also suitable for viscous and polluted media; with hygienic connections specially suitable for pharmaceutical processes. For measuring gas or vapour, observe the table "Selection Criteria as per EN 837-2" (see appendix)!

### Technical Specifications

#### Type

D4

#### Nominal size

160

#### accuracy class (EN 837-3/6)

1.6

#### ranges (EN 837-3/5)

see ordering table

#### application area

static load: Full scale value

dynamic load: 0.9 x full scale value

#### Overpressure safety

≥ 10 bar

max. 40 bar

#### Operating temperature range

Medium: max. 100 °C

Ambient: -20/+60 °C

#### Temperature performance

Indication error when the temperature of the measuring system deviates from the normal temperature of 20 °C:

at rising temperature approx. ± 0.8 %/10 K

falling temperature approx. ± 0.8 %/10 K

of full scale value

#### Degree of protection

IP 54 (EN 60529)

### standard version

**Connection**

stainless steel 316 Ti/316 L, bottom  
G½B, SW22 ( )

**lower measuring flange**

stainless steel 316 Ti/316 L

**upper measuring flange**

Stainless steel 316 L

**Measuring element**

diaphragm  
≥ 4 bar  
Duratherm

**movement**

Stainless steel

**Options**

- Glycerine filling (≥ 1 bar)
- wetted parts with special coating
- clamp connection
- Varivent or BioControl connection
- flush mounted connection flanges as per EN
- open connection flanges as per EN/ANSI
- Electrical contacts (≥ 0/0.6 bar)
- other connection threads

**Dial**

Aluminium, white  
Scaling: black

**Pointer**

Aluminium, black

**Housing**

Stainless steel 304, with blow-out

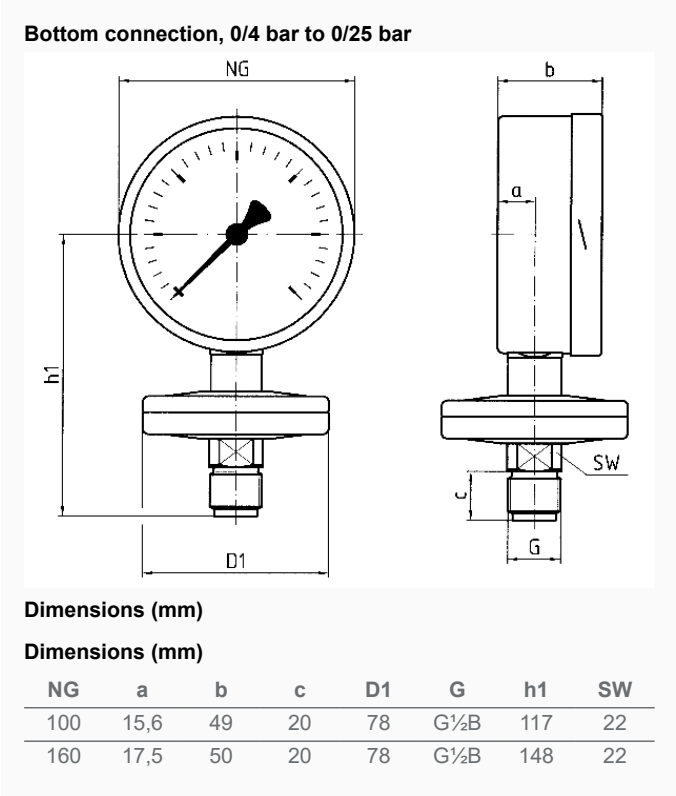
**bayonet bezel**

Stainless steel 304

**window**

Laminated safety glass

Technical Drawings



Versions

| Range    | Mounting type | Type           | Part number |
|----------|---------------|----------------|-------------|
| 0/10 bar | direct        | PF160E<br>D402 | 85936402    |

-  in-stock items
-  Non-stock items