

Differential Diaphragm Gauges

Single Diaphragm - ED Series

Differential Gauges are used to measure pressure difference from two different ports and indicate the pressure difference on the dial. The ED series differential gauge features a single diaphragm which senses the pressure and transmits it through the torque tube to the pointer via a movement linkup. The case and housing of the gauge is made from Stainless Steel and hence it is able to withstand corrosive environment. They can withstand max static pressures from 25 bar upto 100 bar (optional).

Pressure Ranges from 40mbar upto 25 bar

Available in Dial sizes

4" (100mm) – ED400 Model

6" (150mm) – ED600 Model

Applications:

Differential Gauges can be used for measurement of tank level, detection of filter clogging, measurement of flow.

Specifications:

Dial Size

4" (100mm), 6" (150mm)

Accuracy

±1.6% to 2.5% F.S.D.

Ranges / Scales

0-400, 600, 1000, 1600, 2500, 4000 & 6000mmwc (600mbar) & 1, 1.6, 2, 2.5, 4, 6, 10, 16 & 25 kg/cm² / bar

Case & Ring

SS304 Case and Ring IP65

Top/Bottom Chamber (Flanges)

SS304 (SS316 optional)

Sensing Element

Diaphragm: SS316 for ranges 400mmwc to 6000mmwc
Diaphragm: Alloy Steel for ranges 1 to 25 kg/cm² / bar

Mounting

Direct with Bottom Entry, Flush Panel with bottom entry/back entry

Standard Fitment

Over Range Relief Valve

Pointer

With Facility of External '0' Adjustment

Connections

1/4" NPT (F) x 2 nos. (For all other connection adaptor can be provided)

Window

Plexiglass

Pointer

Micrometer

OverPressure Limit

1.3 times of Full Scale Pressure

Window Gasket

EPDM

Options:

Toughened Glass /Safety Glass/ShatterProof Glass etc.
Capillary for Remote Sensing with Flange End Connection
Electric Contacts
Higher Max Static Pressures
Wall Mounting brackets
2" pipe mounting bracket

How to Order / Inquire

Please advise the below

- 1) dial size
- 2) connection
- 3) mounting
- 4) pressure range
- 5) application media
- 6) or any other special requirement

