



300 DGC

ΔP Range: 0 to 0.075 upto 4 bar
0 to 1 upto 60 psi

COMBINATIONS

Gauge



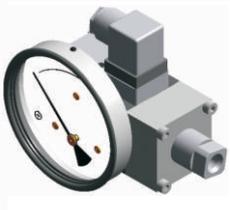
Switch



Gauge + switch (with a terminal strip inside)



Gauge + switch (with a DIN plug on top)



Specifications

| | |
|-------------------------------|--|
| Accuracy | ±2% of the FSD (Ascending) |
| Migration | No migration ; Zero leakage from high to low port |
| Range | 0-0.075 to 0-4 bar or equivalent ranges in other units |
| First marking on the scale | 15% of the FSD |
| Sensing element | Diaphragm |
| Wetted parts | Diaphragm, body material, SS 302 spring & ceramic magnet |
| Case material & dial size | Stainless steel (SS 304): 2", 2.5", 3.5", 4", 4.5", 6" Engineering polymer: 2.5", 4.5", 6" Bayonet: 4" |
| Mounting | Direct, front flange, 2" pipe & surface mounting |
| Maximum working pressure | 100 bar / 1500 psi |
| Maximum process temperature | 0 to 80°C (32 to 175°F) |
| Body material | Aluminum, Brass, SS 316 & Monel |
| Diaphragm | Buna-N, Viton, EPDM |
| Window | Float glass (Std.), toughened glass, acrylic & safety glass |
| Connection | 1/4" NPT(F) (Std.), 1/4" BSP(F) and others (through adaptor) |
| Porting | In-line, rear, bottom, bottom & vent, in-line & vent, in-line & bottom, in-line & back, bottom vent & inline |
| Over range protection | Up to the max. working pressure from high side |
| Protection for gauge & switch | IP 65 / NEMA-4 |

Options

Switches (Adjustable in 30-100% of FSD)

| | |
|-------------------------------|------------------------------------|
| Liquid filling | 1 or 2 SPSTs with a DIN plug |
| Red follower pointer | 1 or 2 SPSTs with a terminal strip |
| Customer logo | 1 SPST with a built in relay |
| Dual scale | 1 or 2 SPDTs with a terminal strip |
| Colour band | 1 or 2 SPDTs with a DIN plug |
| Filter mesh in (+) connection | |
| Descending calibration | |

Instrument can be calibrated with square root scale for flow measurement.

Available in engineering polymer (EP) Case



6.0"



4.5"

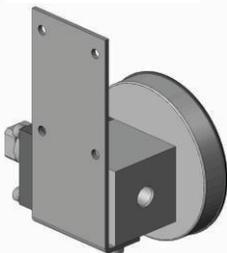


2.5"

- Removable glass
- Strong and durable
- Panel mounting possible
- Condensation can be cleaned
- Light weight

MOUNTING BRACKETS

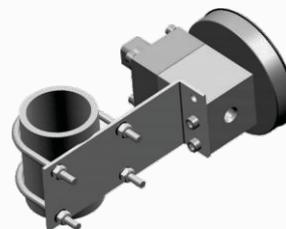
Surface mounting



Horizontal pipe mounting



Vertical pipe mounting



Panel / Flange mounting

