

## Differential pressure gauge

### Model: DP1

## Applications

- Filtration Monitoring
- Flow Measurement
- Leak detection
- Tank Level Measurement



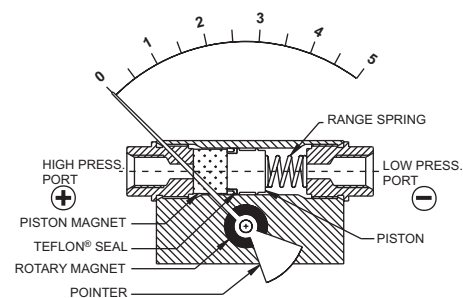
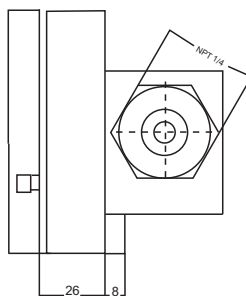
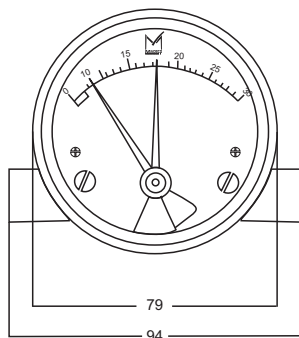
## Special features

- 1 year warranty
- Static pressure capability (1,500 psi)
- Ranges from 1 psi to 150 psi
- Superior magnets for smoother pointer motion
- Small convoluted diaphragm actuator



### Description

- |                               |   |
|-------------------------------|---|
| ■ Accuracy                    | 3% ascending pressure full scale differential                     |
| ■ Dial Sizes                  | 3", 4", 5"  |
| ■ Ranges                      | 0-150psi  |
| ■ Process Connection Location | Bottom, back, in-line   |
| ■ Process Connection Sizes    | ¼ NPT Female  |
| ■ Migration                   | None; Zero leakage from high to low port                          |
| ■ Process Temperature         | 175° F (80° C) -40 - 70   |
| ■ Body material               | Aluminium body  |
| ■ Red pointer follower        | Indicates the histeric maximum differential pressure (resettable) |
| ■ Mounting                    | Direct  |
| ■ Wetted parts                | 316L stainless steel  |
| ■ Window                      | Acrylic, glass, hard glass  |
| ■ Maximum Static Pressure     | 3625 psi  |
| ■ Environ protection          | IP 54   |



High port is always on the left hand side.

MODEL : DP1 Piston

## DP1 Differential pressure gauge

ORDERING CODE	Example:	DP1	3	L	2	G	S	A	A	V	AT	WA	Note
Dial Size/Model Code			3										
3 - 125 mm(5")													
4 - 100 mm(4")													
5 - 80 mm(3")													
Process Connection Type													
L - In - line (std)				L									
B - Back													
T - Bottom													
Process Connection Sizes													
2 - ¼ NPT					2								
4 - ¼ G													
6 - Customer													
Function													
G - Gauge + Switch						G							
S - Switch													
W - Gauge													
Piston and Process Connection Material													
S - 316L Stainless steel							S						
M - Monel® 400													
H - Hastelloy													
C - Customer													
Window													
G - Glass													
A - Acrylic								A					
H - Hard Glass													
Body Material													
A - Aluminum (anodized)									A				
B - Brass													
316 St. Steel													
Seals													
B - Buna													
V - Viton										V			
E - EPDM													
Accuracy													
AT - 3% (std.)											AT		
AC - 2%													
Options													
SC - Single scale													
DS - Dual scales													
FS - Flow measurement dial													
OS - Overload stop													
GF - Glycerin filling													
QC - Low temperature silicone fill for ambient temperature down to -94°F (-70°C), including Fluorosilicone sealing													
SH - Red set hand, stationary (dry case only)													
CC - Calibration certificate													
NH - Stainless steel tag wired to case													
AT - ATEX													
WA - One year warranty												WA	
Other													



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