



## DX 10

**ΔP Range:** 0 to 0.25 upto 10 bar  
0 to 3.5 upto 140 psi

### COMBINATIONS

#### Gauge



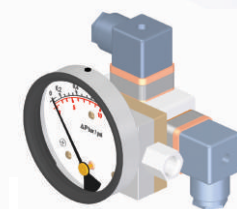
#### Gauge+switch

(with a DIN plug on top)



#### Gauge+switch

(with 2 DIN plugs)

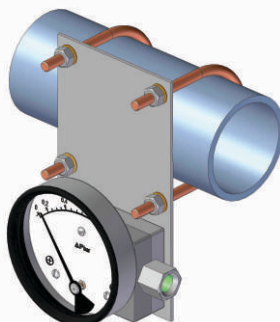


### MOUNTING BRACKETS

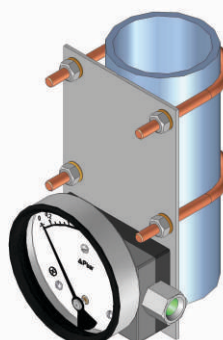
#### Surface mounting



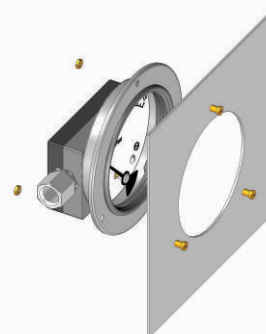
#### Horizontal pipe mounting



#### Vertical pipe mounting



#### Panel / Flange mounting



### Specifications

Accuracy	±3% of the FSD (Ascending)
Migration	Minor from high to low port
Range	0-0.25 to 0-10 bar/psi or psi/kPa dual scale
First marking on the scale	15% of the FSD
Sensing element	Magnetic piston with compression spring
Wetted parts	SS 316, SS 302 compression spring, seals & ceramic magnet
Case material & dial size	Stainless steel (SS 304): 2.5", 3.5", 4.0" Engineering polymer: 2.5" Bayonet: 4.0"
Mounting	Direct, front flange, 2" pipe & surface mounting
Maximum working pressure	100, 250 & 400 bar.
Maximum process temperature	0 to 80°C (32 to 175°F)
Enclosure	Engineering Polymer
Seals	Buna-N & Viton
Window	Float glass (Std.), toughened glass, acrylic & safety glass.
Connection	1/4" BSP(F) Std. Optional 1/4" NPT(F)
Porting	In-line
Over range protection	Up to the max. working pressure from high & low side
Protection for gauge & switch	IP 65

### Options

### Switches (Adjustable in 20-100% of FSD)

Liquid filling (glycerine/ silicone)	1 or 2 SPSTs with a DIN plug
Red follower pointer	1 or 2 SPDTs with a DIN plug
Customer logo	
Dual scale	
Color band	

*DP range can be changed easily at site by replacing range spring.*

*(Available only in gauges with colour band or zones without any graduations)*

### 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

### SELECT MODEL

<b>1 Series</b>	<b>DX 10</b>
<b>2 Type</b>	G Gauge GS Gauge + Switch
<b>3 Body material</b>	S SS-316 enclosed in polymer casing
<b>4 Dial size</b>	2.5 2.5" (63 mm) 3.5 3.5" (80 mm) 4.0 4.0" (100mm)
<b>5 Connection</b>	4B 1/4" BSP (F) (Std.)      4N 1/4" NPT (F) ZZ Special connection sizes using adaptor
<b>6 Porting</b>	1 In-line
<b>7 Case</b>	S4 SS 304 (Std.)      S6 SS 316 F4 SS 304 flange EP Engineering polymer (available in 2.5" only) BF Bayonet (available in 4.0" safety glass only)
<b>8 Window</b>	F Glass (Std.)      A Acrylic T Toughened glass      L Safety glass
<b>9 Seals/Diaphragm</b>	B Buna-N (Std.)      V Viton

### 10 Switch

Select option & Specifications

0	None
1	One SPST, with a DIN plug
3	Two SPSTs with DIN plug

+

5	One SPDT, with a DIN plug
7	Two SPDTs, with DIN plug

+

**Example:** Switch selection 11 is 1 SPST with DIN plug with switch specifications 10VA, 100V, 0.5Amp

### Advantages :

Instrument automatically resets after line surges and cold start. This eliminates balancing of differential pressure instrument after such events.

### Notes

- For following certificates, please contact factory: Accuracy and class, pressure test, material test and certificate of conformance.
- For DIN at back, top, LP side and other options contact factory.
- Standard max. working pressure is 100bar.** 250bar and 400bar optional.
- For SS 316 case, please contact factory (MOQ applies).
- Liquid filling + Follower pointer available.
- Switch adjustment range between 20-100% of full scale deflection (FSD). For specific details, please contact factory.
- Mounting bracket: Aluminum (Standard) ; SS (Optional)

### SPST Specifications (AC/DC max)

1 Standard	2	3	4
10 VA	40 VA	100 VA	60 VA
100 V	230 V	300 V	240 V
0.5 Amp	1 Amp	1 Amp	3 Amp
Adjustable	Adjustable	Adjustable	Adjustable

### SPDT Specifications (AC/DC max)

1 Standard	2	3	4*
3 VA	5 VA	5 VA	60 VA
30 V	125 V	175 V	400 V
0.3 Amp	0.25 Amp	0.25 Amp	1 Amp
Adjustable	Adjustable	Adjustable	Factory Set

### 11 Range

Standard ranges : (Other ranges & units on request)

bar	0.25	0.4	0.6	1.0	1.6	2.0	2.5	3.0	4.0	6.0	10.0
psi	3.5	6.0	9.0	15	24	30	36	45	60	90	140

### 12 Options

0	None
250	Max. working pressure 250bar
400	Max. working pressure 400bar
A	Glycerine*
B	Red follower pointer on acrylic window *
C	Customer Logo
D	Dual scale
E	Colour band (Available in single scale only)
F	Filter mesh in (+) connection
G	Reverse Port**
S	Silicone oil*
M1	2" horizontal pipe mounting bracket
M2	Surface mounting bracket
M3	2" vertical pipe mounting bracket
M4	Engineering polymer mounting bracket

\* Affects accuracy

\*\* Pointer moves from right to left

### Ordering code sequence

