

# DIFFERENTIAL PRESSURE INSTRUMENT

## Diaphragm type



**Nominal size 80, 100, 112 (standard), 115, 150**

**Accuracy  $\pm 3\%$  of the full scale (ascending)**

Differential pressure gauges in this series do not allow flow.

Areas of application:

Pressure monitoring (pump and air blower line)  
 Level measurement in liquid tanks  
 Air filter monitoring  
 HVAC system monitoring  
 Air and collection bag filter monitoring

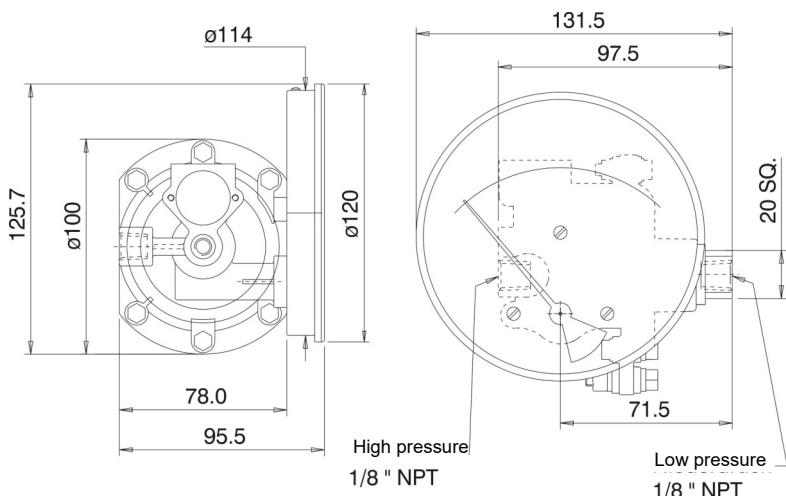


Type	5603	Options
Nominal size	112	80, 100, 115, 150
Accuracy	$\pm 3\%$ of the full scale (ascending)	
Ranges	0...25 up to 1250 mm H <sub>2</sub> O; 0-1 up to 50 inch H <sub>2</sub> O (first marking on scale 15% fs)	
Migration	No migration. Zero leakage from high to low port	
Measuring element	Diaphragm	
Case	1.4301	Nylon (at 115, 150 mm)
Body material	Engineering polymer Nylon	Brass, 1.4404, Monel
Wetted parts	Diaphragm, body material, SS302 spring, ceramic magnet	
Seals	Buna-N (NBR), Viton, EPDM	
Window	Float glass	toughened glass, acrylic and safety glass
Connection	1/8" NPT	
Connection position	in-line	back, in-line and back
Protection	IP 65	
Temperature	Maximum process temperature 0 to 60 C°	
Max. static pressure	2,4 bar	
Over range protection	up to the max. working pressure from high side	
Mounting	Surface mounting Horizontal and vertical mounting Panel / flange mounting	
More options	Liquid filling (glycerine or silicone) Filter mesh Descending calibration Coloured scale	

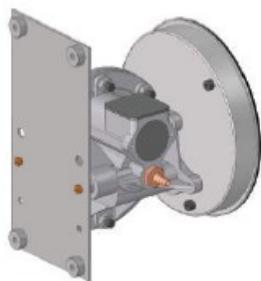
Type 5603

## Dimesional drawing (standard case)

Dimensions in mm



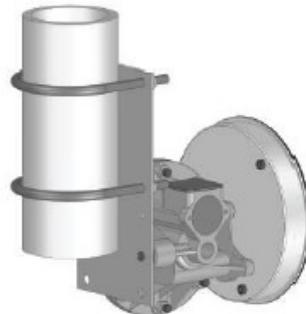
### Montagemöglichkeiten



Surface mounting



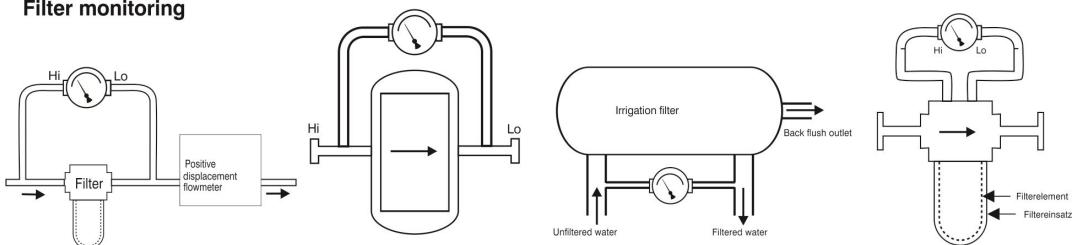
horizontal / vertical pipe mounting



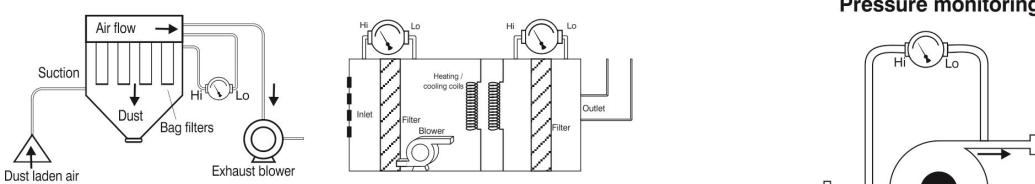
panel / flange mounting  
(not illustrated)

### Areas of application

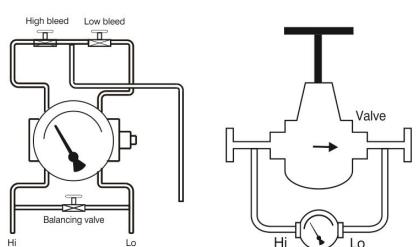
#### Filter monitoring



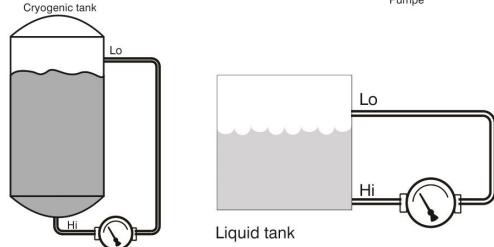
Pressure monitoring



#### Flow monitoring



#### Level measurement



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