

DIFFERENTIAL PRESSURE INSTRUMENT

Diaphragm type



DRUCK & TEMPERATUR

Nominal size 50, 63, 80, 100, 115 , 150

Accuracy ± 2 % of the full scale (ascending)

Differential pressure gauges in this series do not allow flow.

Areas of application (see page 3):

Pressure monitoring (pump and air blower line)

Level measurement in liquid tanks

Backflow prevention

Flow monitoring with backflow detection

Ballast water filtration (ship ballast tank)

Sieve monitoring, air and collecting bag filter monitoring



Type	5602	Options
Nominal size	50, 63, 80, 100, 115, 150	
Accuracy	± 2 % of the full scale (ascending)	
Ranges	0...0,075 bar up to 0...4 bar (first marking on scale 15% fs)	
Migration	No migration. Zero leakage from high to low port	
Measuring element	Diaphragm	
Case	Engineering polymer (EP) at NS 63, 115, 150	1.4301, bayonet at NS 100
Body material	Aluminium	Brass, 1.4404, Monel
Wetted parts	Diaphragm, body material, SS302 spring, ceramic magnet	
Seals	Buna-N (NBR), Viton, EPDM	
Window	Acrylic glass	Instrumental glas, toughened glass, safety glass
Connection	1/4" BSP	1/4"NPT, others (through adaptor)
Connection position	in-line	back, in-line and bottom, rear, in-line and back, others o.r.
Protection	IP 65	
Temperature	Maximum process temperature 0 to 80 C°	
Max. static pressure	100 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) Maximum value drag pointer Filter mesh Descending calibration Switches (adjustable in 20-100% of full scale)	

Type 5602

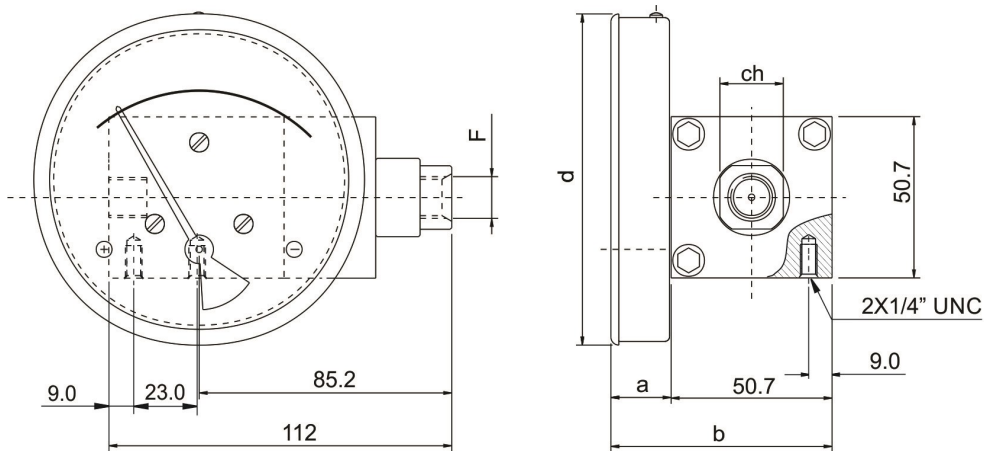
Dimensioal drawing

Dimensions in mm



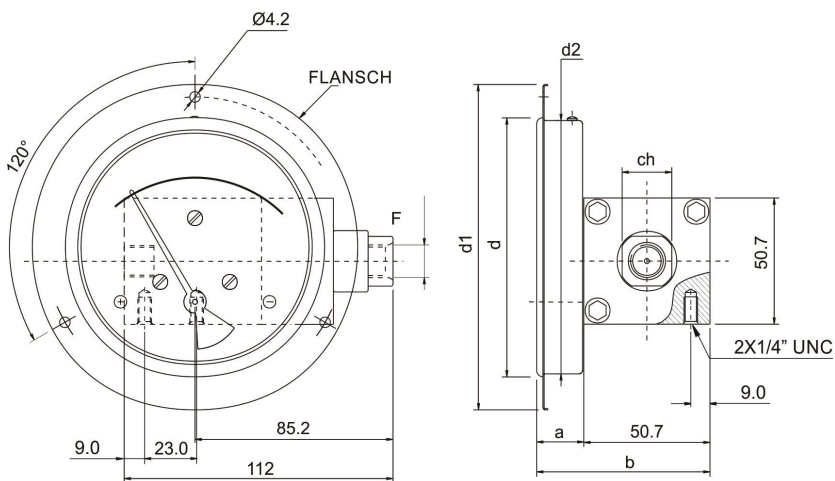
DRUCK & TEMPERATUR

Standard case



Nominal size	F (connection)	a	b	d	ch
63 2,5"	1/4"BSP or 1/4"NPT	19	69,7	66	20
80 3,5"		19	69,7	83	20
100 4"		19	69,7	104,3	20
115 4,5"		19	69,7	119,7	20
150 6"		19	69,7	154,3	20

Panel mounting



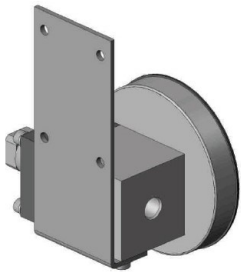
Nominal size	F (Connection)	a	b	d1	d2	ch	Ø bolt circle	d
53 2,5"	1/4"BSP or 1/4"NPT	19	69,7	93	65	20	83	66
80 3,5"		19	69,7	109	82	20	99	83
100 4"		19	69,7	131	102	20	121	104,3
115 4,5"		19	69,7	146	117	20	136	119,7
150 6"		19	69,7	181	152,5	20	171	154,3

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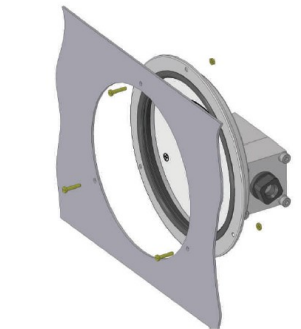
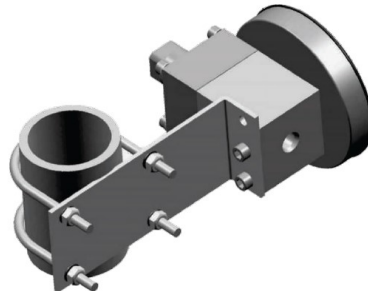
Mounting variants



Surface mounting



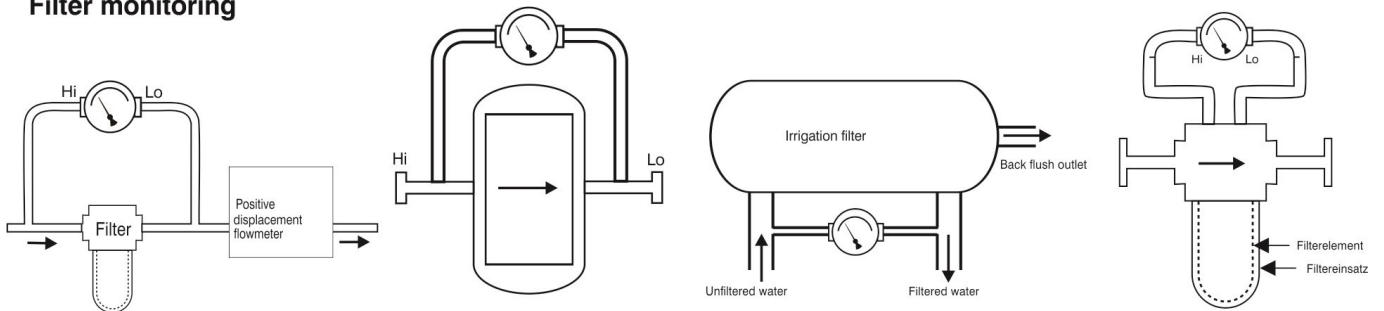
horizontal / vertical pipe mounting



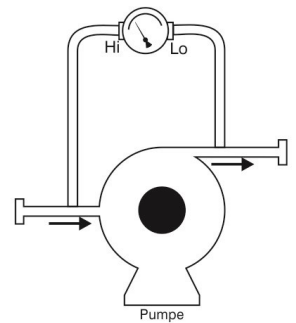
panel / flange mounting

Areas of application

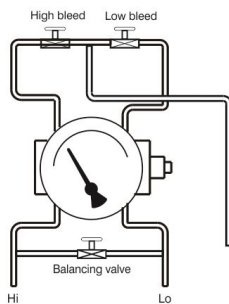
Filter monitoring



Pressure monitoring



Flow monitoring



Level measurement

