

DIFFERENTIAL PRESSURE INSTRUMENT

Piston type



DRUCK & TEMPERATUR

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

Accuracy ± 2 % of the full scale (ascending)

Differential pressure gauges in this series can be used if migration of measuring media from HI to LO is permitted.

Areas of application (see also page 3):

Pressure monitoring (pump and air blower line)

Flow rate monitoring and control

Natural gas filtration, monitoring filter contamination

Air filter monitoring

Petroleum and chemical industries



Type	5601	Optionen
Nominal size	50, 63, 80, 100, 115, 150	
Accuracy	± 2 % of the full scale (ascending)	
Ranges	0...0,25 bar up to 0...70 bar (first marking on scale 20% fs)	Sonderausführung für 450 bar Anwendung
Migration	Minor from high to low port	
Measuring element	Piston	
Case	Engineering polymer (EP) at NG 63, 115, 150	1.4301, bayonet at NS 100
Body material	Aluminium	Brass, 1.4404, Monel
Wetted parts	Body material, SS302 spring, ceramic magnet, seals	
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
Protection	IP 65	
Temperature	Maximum process temperature 0 to 80°C	
Max. static pressure	200 bar (Alu and brass)	400 bar (1.4404, Monel)
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 Reverse port (pointer moves from right to left) Switches (adjustable in 20-100% of full scale)	

Type 5601

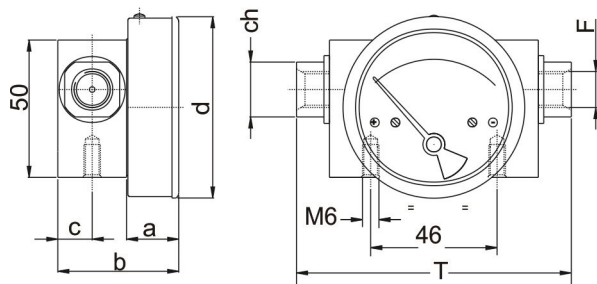
Dimensioal drawing

Dimensions in mm

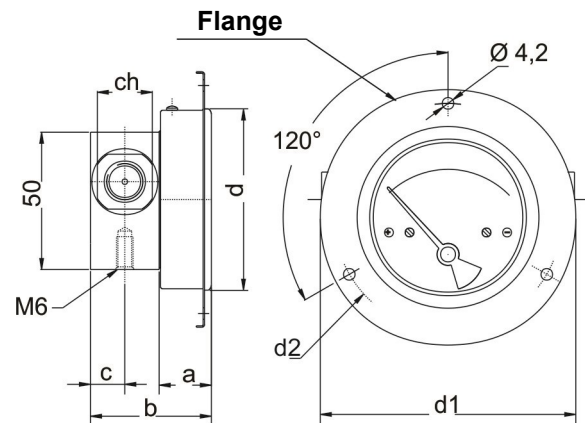


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Standard case

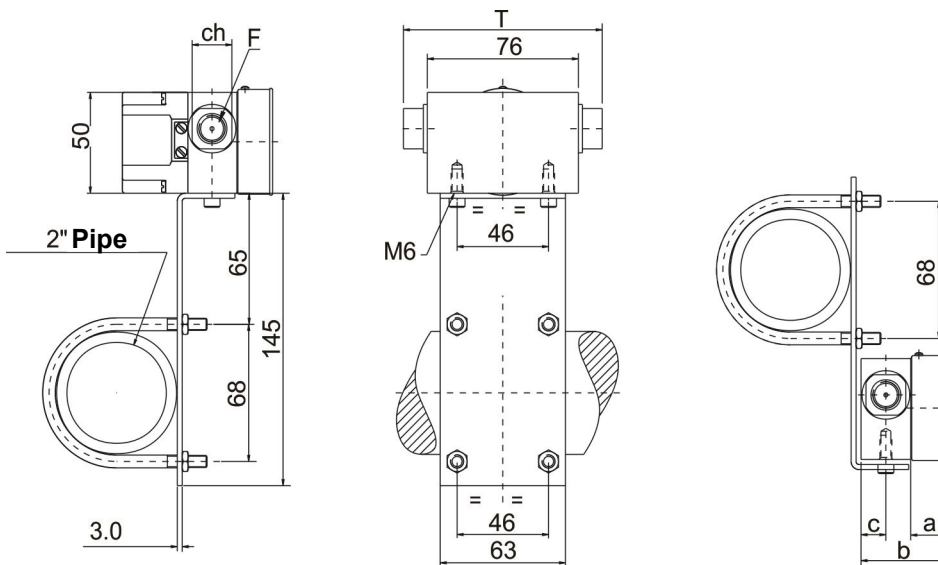


Panel / Flange mounting



Nominal size	F (connection)	a	b	c	d	d1	T	ch	d2
50 2"	1/4"BSP or 1/4"NPT	18	43	12,5	53	79	100	20	69
63 2,5"		19	44	12,5	66	93	100	20	83
80 3,5"		19	44	12,5	83	109	100	20	99
100 4"		19	44	12,5	104,3	131	100	20	121
115 4,5"		19	44	12,5	119,7	146	100	20	136
150 6"		19	44	12,5	154,3	181	100	20	171

Mounting bracket for pipe mounting



Nominal size	F (Connection)	a	b	c	T	ch
50 2"	1/4"BSP or 1/4"NPT	18	43	12,5	100	20
63 2,5"		19	44	12,5	100	20
80 3,5"		19	44	12,5	100	20
100 4"		19	44	12,5	100	20
115 4,5"		19	44	12,5	100	20
150 6"		19	44	12,5	100	20

Type 5601

Mounting variants



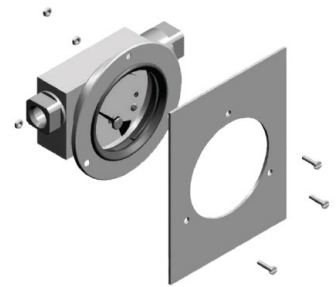
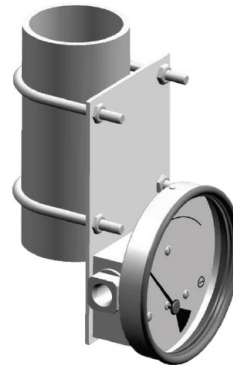
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Surface mounting



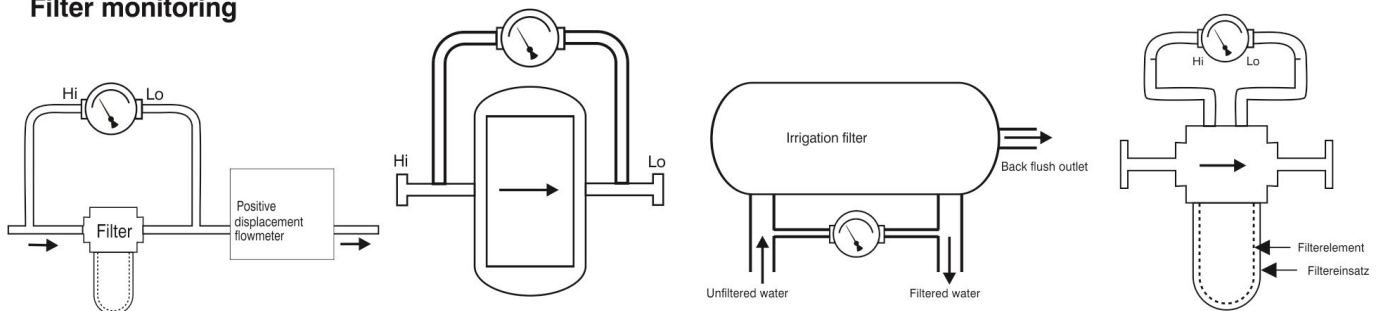
horizontal / vertical pipe mounting



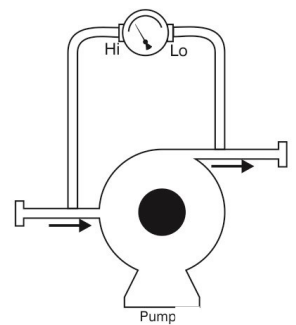
panel / flange mounting

Areas of application

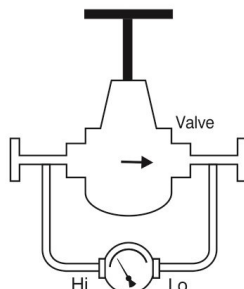
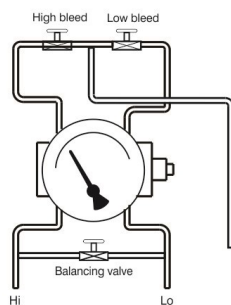
Filter monitoring



Pressure monitoring



Flow monitoring



Level measurement

