

DIFFERENTIAL PRESSURE GAUGES WITH PRESSURE SPRING AND MEMBRANE STEEL



Diameter 100

The pressure gauges are suitable for measuring of liquid and gaseous media, although this should not be too viscous or be susceptible to crystallization.

The gauges are overload-protected and useable up to a static pressure of 25 bar.

Applications:

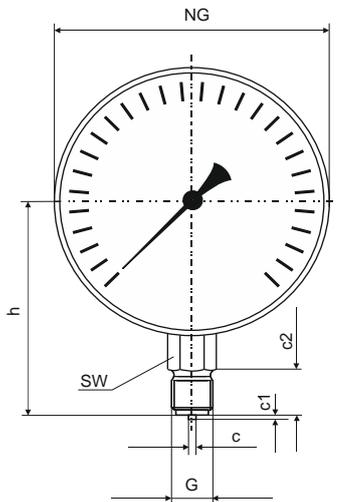
Filter monitoring, pumps and piping industry



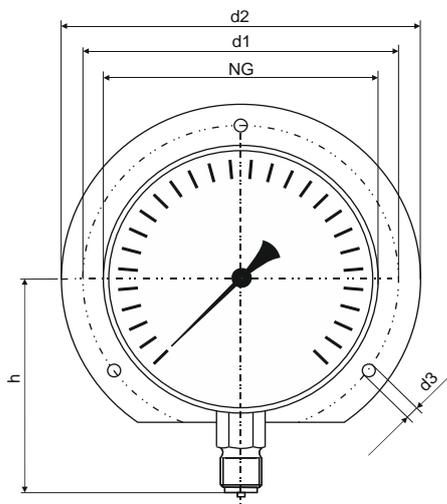
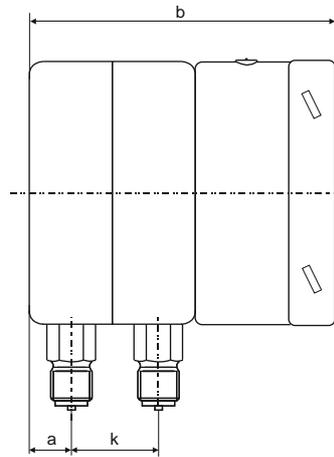
Type	5594	Options
Diameter	100	
Symbol		Chemical execution = Baureihe 5595
Accuracy class	2,5 % full scale value (acc. to DIN EN 837-3)	1,6%
Ranges	0...250 mbar up to 0...6 bar	
Overload protection	max. 25 bar (on one side, on both sides and reciprocal)	
Application	Constant load: up to full scale value Alternating load: 0,9-x full scale value	
Case	Stainless steel	
Ring	Bayonet ring	rear mounting flange, stainless steel
Window	Plastic, plexiglass	
Dial	Al white, scale and printing black	
Pointer	black, with zero-point adjustment	
Movement	Copper-alloy	
Medium chamber (wetted parts)	Aluminium anodized	
Measuring elements (wetted parts)	Pressure spring, stainless steel 1.4310 Membrane, Viton	
Connection position	radial bottom, parallel (one behind the other)	
Thread	2x G 1/2 B, brass tin-plated	others on request
Temperatures	Medium: max. 60°C, ambient: -20°C up to 60°C	
Temperature drift	0,5%/10K deviation of normal temperature 20°C	
Protection	IP54 acc. to DIN EN 60529/IEC 529	

Installation Note: Mounting for attached symbols: (+) high pressure (-) low pressure.
It is mounted via rigid lead or wall mounting (mounting bracket on the case).

Dimensions in mm														
ND	a	b	b1	c	c1	c2	d1	d2	d3	G	h	k	s	SW
100	16	113	116	6	3	20	116	132	4,8	G1/2B	84	32	5,5	22



Connection bottom



Connection radial bottom, with rear flange

