

DIFFERENTIAL PRESSURE GAUGE
Industrial version in stainless steel
Connection position one behind the other or side by side



Nominal size 100 and 160
Accuracy class 1,6
DIN EN 837-3

Can be used with gaseous and liquid media (also with chemically aggressive substances).
 The devices can optionally be manufactured with a signal output (0-20 mA, 4-20 mA) or with a magnetic snap-action contact (single, double or triple).
 Various fastening options are available for assembly.



Type	5595	5596	Options
Nominal size	100	160	
Symbol			Output-signal 0-20 mA or 4-20 mA; Magnetic snap action contact (single, double or triple)
Accuracy class	≥ 600 mbar cl.1,6; 100 up to 400 mbar cl. 2,5		100 up to 400 mbar cl.1,6
Ranges	0...100 mbar up to 0...25 bar		
Overload protection	maximal static pressure on both sides 25 bar		max. 40 bar
Application	Constant load: end of scale value Alternating load: 0,9 x end of scale value		
Case and bayonet ring	Stainless steel 1.4301		Liquid filling
Process connection	Stainless steel, 2 x G1/2 B one behind the other marked with + (higher pressure) and - (lower pressure)		Connections side by side
Wetted parts	Stainless steel		
Distance between the process connections	54 mm		
Flange	Diameter 90 mm ≥250 mbar ... 25 bar Diameter 120 mm 100 mbar ... 160 mbar Screws stainless steel 4 x M10		Vent screws upper and lower flange
Diaphragm	Viton		
Window	Laminated safety glass		
Movement	Stainless steel 1.4301		
Dial	Aluminium white, scale and lettering black		Special scales
Pointer	Adjustable pointer, Aluminium black		
Protection class	IP 54 acc. to EN 60529/IEC 529 IP 65 acc. to EN 60529/IEC 529 filled devices		
Temperature ambient	-20°C up to +60°C		
Temperature medium	-20°C up to +80°C		
Mounting options	Welded bridge for pressure gauge holder Separatly bridge for pressure gauge holder Wall bracket - 4 factory mounting options (offset by 90 degrees)		

Type 5595, 5596

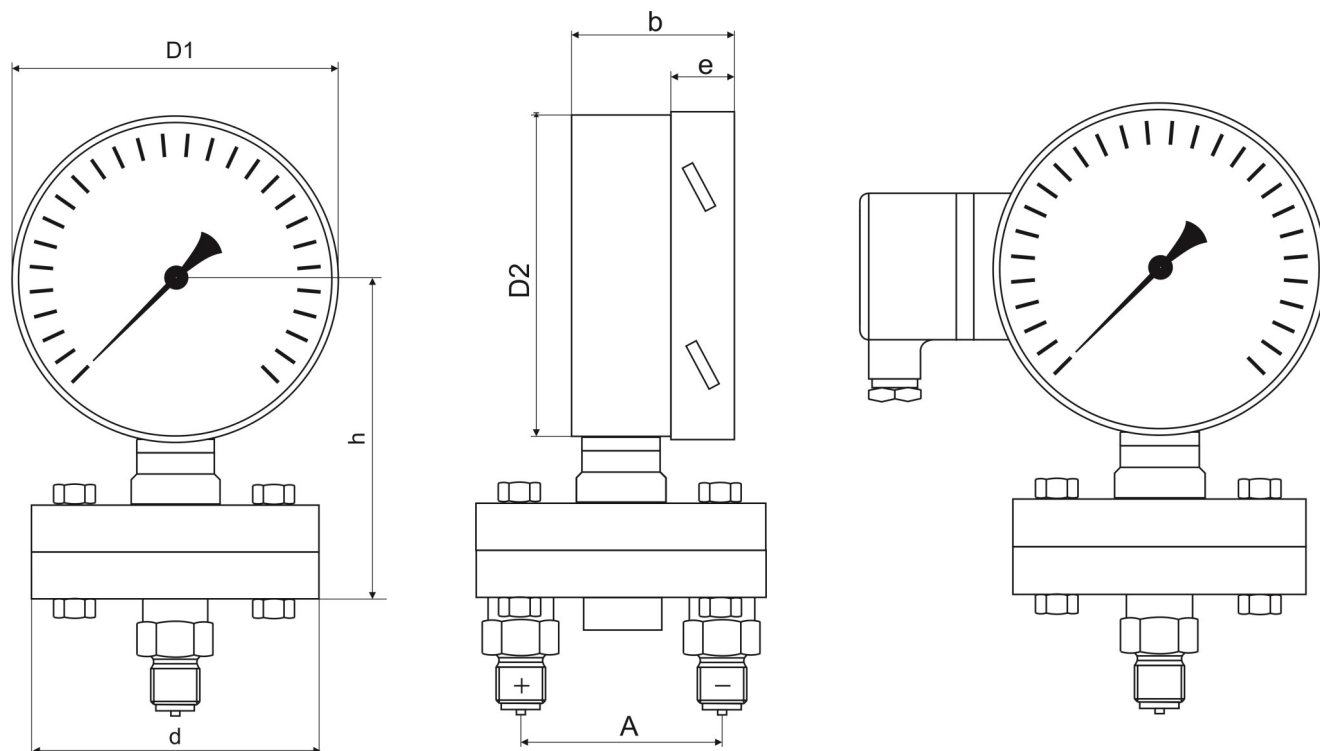
Dimensional drawings

Dimensions in mm



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Type 5595, 5596



Option: with output signal

Type	NS	D1	D2	d	h±2	A	b	e	G
5595 Flanschmaß d=120	100	101	99	115	111	54	50	19,5	G 1/2 B
5595 Flanschmaß d=90	100	101	99	83	111	54	50	19,5	G 1/2 B
5596 Flanschmaß d=120	160	161	159	115	143	54	50	19,5	G 1/2 B
5596 Flanschmaß d=90	160	161	159	83	143	54	50	19,5	G 1/2 B

Type	NS	Weight, without filling and mounting	Weight with filling, without mounting
5595 Flange d=120	100	approx. 3,1 kg	approx. 3,3 kg
5595 Flange d=90	100	approx. 2,1 kg	approx. 2,3 kg
5596 Flange d=120	160	approx. 3,4 kg	approx. 3,7 kg
5596 Flange d=90	160	approx. 2,4 kg	approx. 2,7 kg

Type 5595, 5596

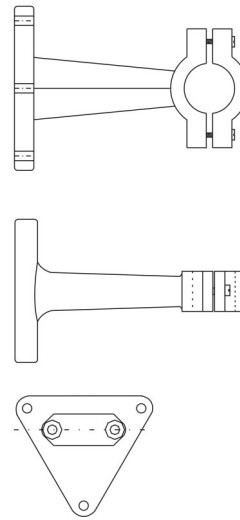
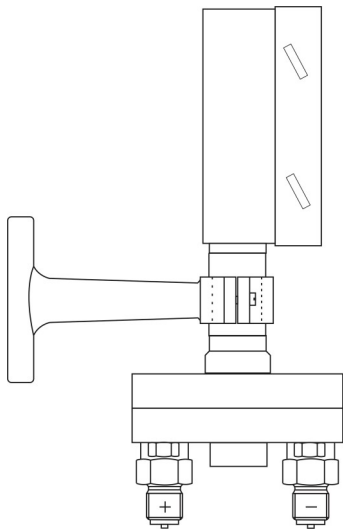
Options for wall mounting

Dimensions in mm



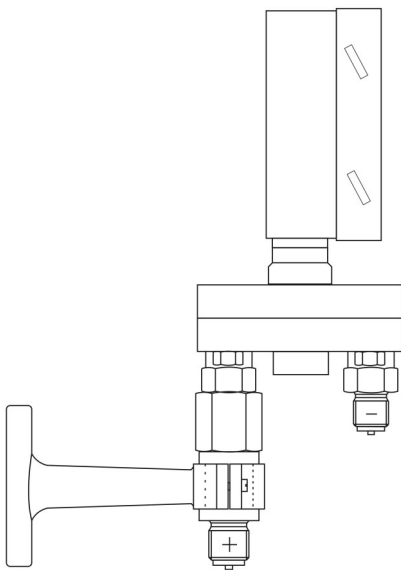
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Welded bridge for pressure gauge holder

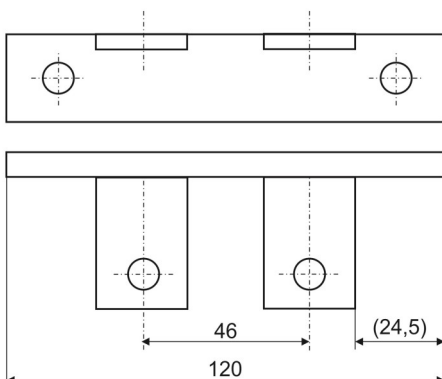


Pressure gauge holder
Dimensions at separately
datasheet (pressure acces-
sories)

With separately bridge for pressure gauge holder



Wall bracket - 4 factory mounting options (offset by 90 degrees)



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