

DIFFERENTIAL PRESSURE GAUGE

ALL-METAL MEDIA CHAMBER

Connection 2 x G1/4 female



DRUCK & TEMPERATUR

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

For gaseous and liquid aggressive media that are not highly viscous or crystallising, also in aggressive environments.

Suitable for pump and filter monitoring as well as level measurement in closed containers.

Highly overload-proof up to 40 bar

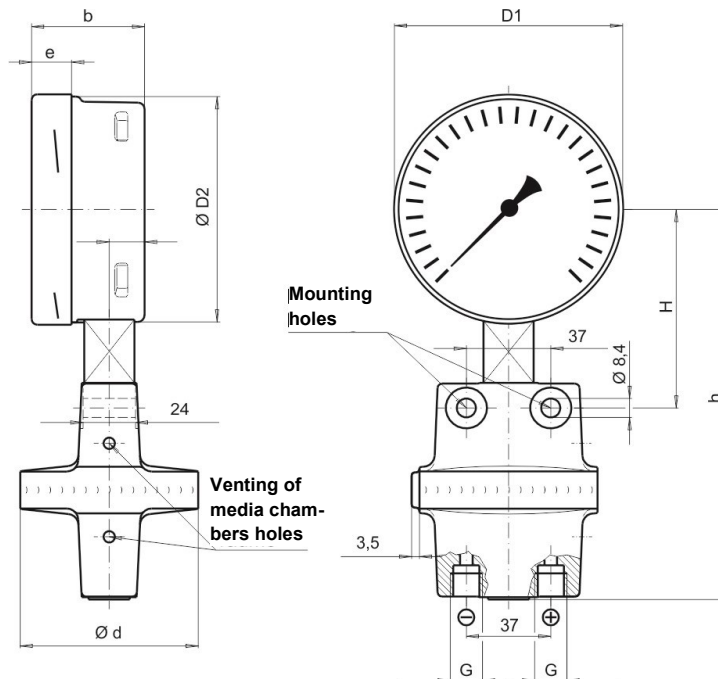


Type	2700		Options
Nominal size	100		160
Accuracy	Class 1,6		Class 1,0 and 2,5
Scale ranges	0...16 mbar up to 0...25 bar		
Overload safety / max. working pressure (static)	Scale ranges	Overload safety / max. working pressure (static)	Overload safety / max. working pr. (static)
	0...16 up to 0... 40 bar	2,5 bar / 2,5 bar	2,5 bar / 6 bar
	0...60 up to 0...250 mbar	2,5 bar / 6 bar	6 bar / 10 bar
	0...400 mbar	4 bar / 25 bar	40 bar / 40 bar
	0...0,6 bar	6 bar / 25 bar	40 bar / 40 bar
	0...1 bar	10 bar / 25 bar	40 bar / 40 bar
	0...1,6 bar	16 bar / 25 bar	40 bar / 40 bar
	0...2,5 up to 0...25 bar	25 bar / 25 bar	40 bar / 40 bar
Application	Constant load: full scale value Alternating load: 0,9 x full scale value		
Measuring system	Diaphragm measuring system		
Process connection	G1/4 female		2 x G1/2B, 2 x G1, 2 x NPT male
Connection position	bottom		Others on request
Wetted parts	Media chamber with process connection: 1.4571 Pressure element ≤0,25 bar: 1.4571, >0,25 bar: NiCr-alloy Bellows: 1.4571		
Case	Stainless steel, S1, with blow-out device		Safety version S3
Movement	Stainless steel		
Dial	Aluminium white, scale and lettering black		Double or special scale on request
Pointer	Aluminium		
Window	Laminated safety glass		
Medium temperature	-20...+100°C		Higher temperatures on request
Ambient temperature	-20...+60°C		Others on request
Protection	IP54 according to IEC/EN 60529		
Temperature effect	When the temperature of the measuring system deviates from the reference temperature (+20°C) max. ±0,5%/10K of full scale value		
Mounting optional	Mounting kit for wall or pipe mounting		
More options	Liquid filling (silicone oil) - IP65 Output signal 4-20 mA Versions with switch contacts ATEX-approval		

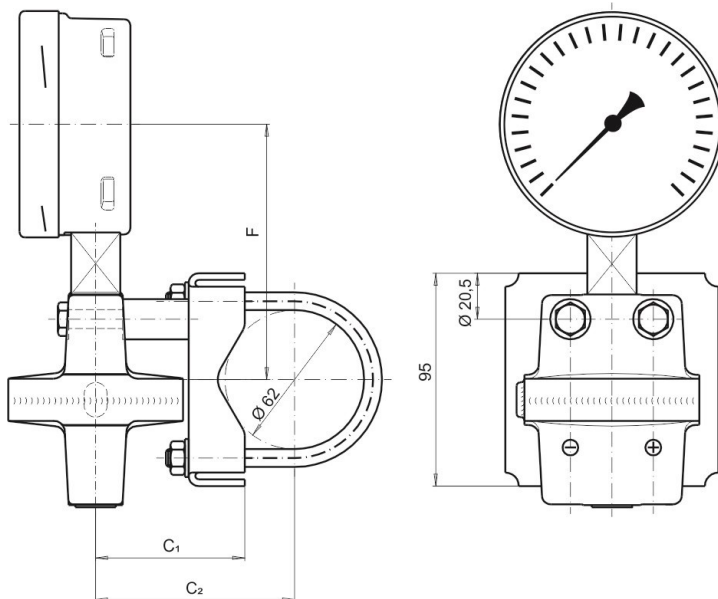
Type 2700

Dimensional drawings Dimension in mm

Standard version - Connection 2 x G1/4 female



Mounting kit for wall or pipe mounting



NS	Scale range	a	b	D1	D2	d	e	G	h±1	H	F	c1	c2	approx. Weight
100	≤0,25 bar	15,5	49,5	101	99	140	17,5	G ¼	160	90	114	96	118	2,70 kg
100	>0,25 bar	15,5	49,5	101	99	78	17,5	G ¼	170	87	66	66	88	1,90 kg
160	≤0,25 bar	15,5	49,5	161	159	140	17,5	G ¼	190	120	96	96	118	3,40 kg
160	>0,25 bar	15,5	49,5	161	159	78	17,5	G ¼	200	117	66	66	88	2,40 kg