

Diaphragm pressure gauge, stainless steel version

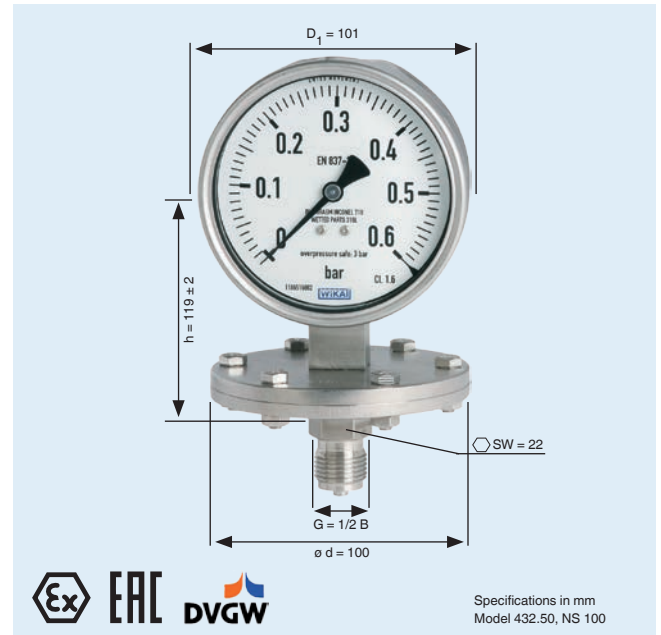
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Applications

- Measuring points with low pressures or increased overpressure
- For gaseous, liquid, aggressive and highly viscous or contaminated media, also in aggressive ambience
- With liquid-filled case for applications with high dynamic pressure loads or vibrations ¹⁾
- Process industry: Chemical, petrochemical, power plants, mining, on- and offshore, environmental technology, machine building and general plant construction

Special features

- Low scale ranges from 0 ... 16 mbar
- High overpressure safety
- Open connecting flange for viscous media
- Wide choice of special materials for aggressive media
- All stainless steel construction



Order numbers

Process connection with lower measuring flange		Stainless steel	
Pressure element ²⁾		Stainless steel or NiCr-alloy (Inconel)	
Pressure chamber sealing ²⁾		FPM/FKM	
Case		Stainless steel with pressure relief	
Case filling		without	
Process connection		G 1/2 B	
Accuracy class		1,6	
Nominal size		100 mm	160 mm
Measuring range	0 ... 16 mbar	9503005	9486160
	0 ... 25 mbar	9487891	9383522
	0 ... 40 mbar	9052577	9042580
	0 ... 60 mbar	9042539	9042598
	0 ... 100 mbar	9042547	9052526
	0 ... 160 mbar	9042555	9052534
	0 ... 250 mbar	9042563	9052550
	0 ... 400 mbar	9042571	9052593
	-1 ... +1,5 bar	9022902	9022945
	-1 ... +3 bar	9022910	9022953
	-1 ... +5 bar	9022929	9022961
	-1 ... +9 bar	9022937	9022970
	-1 ... +15 bar	9486640	9387722
	0 ... 0,6 bar	9060235	9060146
	0 ... 1 bar	9060243	9060154
	0 ... 1,6 bar	9060251	9060162
	0 ... 2,5 bar	9060260	9060170
	0 ... 4 bar	9060278	9060189
	0 ... 6 bar	9070222	9070125
	0 ... 10 bar	9070249	9070133
	0 ... 16 bar	9070265	9070141
	0 ... 25 bar	9060286	9070150

Legend: available from stock in Germany available after production ---- not available

Quick order code (you can find further possible variants in data sheet PM 04.03)

Field no.	Code	Version				
Case filling						
①	2	without				
	3	with				
Case						
②	50	with pressure relief				
	30	Solid front version EN 837 "S3"				
Nominal size						
③	E	100 mm				
	F	160 mm				
Measuring range		Diaphragm element material				
④	only possible with diaphragm element material "Z"		Z	Stainless steel		
	MG116	0 ... 16 mbar				
	MG125	0 ... 25 mbar				
	MG140	0 ... 40 mbar				
	MG160	0 ... 60 mbar				
	MG210	0 ... 100 mbar				
	MG216	0 ... 160 mbar				
	MG225	0 ... 250 mbar				
	only possible with diaphragm element material "I"				I	NiCr-alloy (Inconel)
	MG240	0 ... 400 mbar				
	BG260	0 ... 0,6 bar				
	BG310	0 ... 1 bar				
	BG316	0 ... 1,6 bar				
	BG325	0 ... 2,5 bar				
	BG340	0 ... 4 bar				
	BG360	0 ... 6 bar				
	BG410	0 ... 10 bar				
	BG416	0 ... 16 bar				
	BG425	0 ... 25 bar				
	BV325	-1 ... +1,5 bar				
	BV340	-1 ... +3 bar				
	BV360	-1 ... +5 bar				
	BV410	-1 ... +9 bar				
	BV416	-1 ... 15 bar				
	Process connection			⑥		
	⑤	GD	G 1/2 B			
		ND	1/2 NPT			
		FG	DN 25 PN 40, EN 1092-1 form B			
FS		1" class 150, RF per ASME B16.5				

Order code: 43 ① . ② - ③ - ④ Z - ⑤ - ⑥ Z-CSZZ-ZZZZZ

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