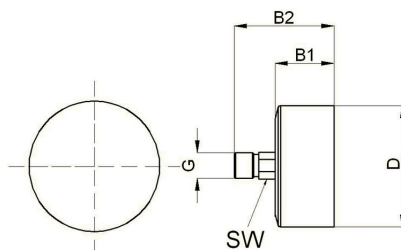


Chemical version pressure gauge



Design type	Bourdon tube pressure gauge chemical version with dual scale bar/psi after EN 837-1
Nominal size	Diameter 40mm and 50mm
Accuracy	Class 2,5
Medium temperature	-40...+100°C
Ambient temperature	-40...+60°C
Temperature influence	±0,4%/10K from the full-scale value in the event of deviation from the normal temperature 20°C
Degree of protection	IP54 according to EN60529
Material	Housing Stainless steel Pressure port Stainless steel 1.4571 Measuring element Stainless steel 1.4404 Pointer mechanism Stainless steel Sight glass Polycarbonate
Applications	Static load 3/4 x Full-scale value Alternating load 2/3 x Full-scale value short-term Full-scale value
Application	For gaseous and liquid, non-high-viscosity, non-crystallizing and aggressive media for measurement, also in aggressive environments

Dimensions



Diameter [mm]	Thread G	B1	B2	D	SW	Weight [approx. kg]
40	1/4"	27,5	52,5	39	14	0,05
50	1/4"	29	53,5	49	14	0,09



Diameter [mm]	Pressure range [bar/psi]	Type
40	0-1 / 0-14	4141
40	0-1,6 / 0-23	4142
40	0-2,5 / 0-35	4143
40	0-4 / 0-58	4144
40	0-6 / 0-87	4145
40	0-10 / 0-145	4146
40	0-16 / 0-230	4147
40	0-25 / 0-360	4148
40	0-40 / 0-580	4149
40	0-60 / 0-870	4150
40	0-100 / 0-1450	4151

Diameter [mm]	Pressure range [bar/psi]	Type
50	0-1 / 0-14	4161
50	0-1,6 / 0-23	4162
50	0-2,5 / 0-35	4163
50	0-4 / 0-58	4164
50	0-6 / 0-87	4165
50	0-10 / 0-145	4166
50	0-16 / 0-230	4167
50	0-25 / 0-360	4168
50	0-40 / 0-580	4169
50	0-60 / 0-870	4170
50	0-100 / 0-1450	4171

Illustrations non-binding

Design, dimensional and material changes reserved

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Version 7

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