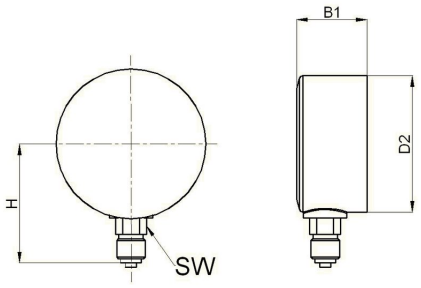
Partnership. With Guarantee.

Contact pressure gauge



Design type	Bourdon tube pressure gauge with electrical magnetic snap-action contacts after EN 837-1
Nominal size	Diameter 100mm and 160mm
Accuracy	Class 1,0
Medium temperature	max. +80°C
Ambient temperature	-20...+70°C
Temperature influence	±0,4%/10K from the full-scale value at deviation from the reference temperature 20°C
Degree of protection	IP54 for pressure gauge, IP65 according to EN60529 for electrical contact
Material	Housing Stainless steel Pressure port Brass Measuring element smaller than 100bar Copper alloy, from 100bar Stainless steel AISI316L Pointer mechanism Copper alloy Sight glass Polycarbonate
Applications	Static load Full-scale value Alternating load 0,9 x Full-scale value short-term 1,3 x Full-scale value
Application	For gaseous and liquid, non-high-viscosity and non-crystallizing measured media, do not attack any copper alloys

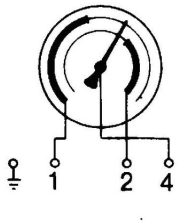
Dimensions



Diameter [mm]	Thread G	b1	D2	H	SW	Weight [approx. kg]
100	1/2"	49,5	101	87	22	0,16
160	1/2"	49,5	161	118	22	0,60

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Contact function



1 Contact closes when falling below the lower setpoint
2 Contact closes when exceeding the upper setpoint

Contact type	Rated voltage max. [V]	Inrush current max. [A]	Switch-off current max. [A]	Continuous current max. [A]	Switching capacity
S	250	1,0	1,0	0,6	30W/50VA
L	250	0,5	0,5	0,3	15W/25VA

Diameter [mm]	Pressure range [bar]	Contact type	Type
100	0-2,5	S	2201
100	0-4	S	2202
100	0-6	S	2203
100	0-10	S	2204
100	0-16	S	2205
100	0-25	S	2206
100	0-40	S	2207
100	0-60	S	2208
100	0-100	S	2209
100	0-160	S	2210
100	0-250	S	2211
100	0-400	S	2212

Diameter [mm]	Pressure range [bar]	Contact type	Type
160	-1/0	L	3300
160	-1/1,5	L	3300/1-A
160	0-1	L	3301
160	0-6	S	3303
160	0-10	S	3304
160	0-16	S	3305
160	0-40	S	3307
160	0-600	S	3313

Illustrations non-binding
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