## Differential pressure gauges with Bourdon tube



Diameter 100 and 160 with measuring system Cu-alloy with measuring system CrNi-steel

The pressure gauges are suitable for measuring of liquid and gaseous media, although this should not be too viscous or be susceptible to crystallization. For aggressive media, which attack the copper resp. the copper-alloy, other versions (5631, 5636) with stainless steel medium wetted parts are available. Both pointers turn around the same axle and given + and - pressure separately. The pointer of the low-pressure side as the form of a dial.



On this dial the pressure side is given which may not exceed 50% of the full measuring range.

Types	5630 <sup>1)</sup>	5635	5632	5636	Options				
Diameter	100	160	100	160					
Symbol		with glycerine filling							
Accuracy class	1,6 acc. to EN 83	0,7							
Ranges <sup>2</sup> )	00,6 up to 010 negative or positi	MPa, kPa							
Applications	constant load: up alternating load: ( short time: 1,3 x c								
Case	steel, black finish	rear flange							
Ring	steel, black finish	front flange							
Window	flat instrument gla	multi-composite laminate safe							
Dial	Al white, scale and								
Pointer	+) Normal pointer: 50% of the range as	marker pointer							
Movement	CuZn-alloy, beari	stainless steel							
Measuring element	Cu-alloy up to 100 l up to 100 bar 1.457								
Pressure connect.	CuZn-alloy	1							
Pressure position	radial bottom (parallel one behind the other)								
Pressure thread		others on request							
Temperatures	Medium: -20°C up t ambient: -20°C up t								
Temperature drift	0,3%/10K deviation								
Protection	IP33 to EN 60529								
Orifice		diam. 0,4; diam. 0,8							
Approx. weight	1,0 kg	1,6 kg	1,0 kg	1,6 kg					

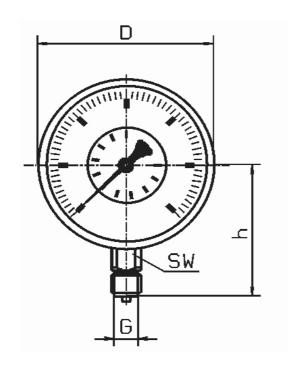
Types 5630, 5635, 5631, 5636

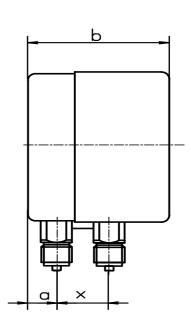
When ordering please state both: a) static pressure applied

b) differential pressure to be indicated

<sup>3)</sup> max. temperature +100°C brazed

	Dimensions in mm								
Types	NG	a+/-0,5	b+/-1	X+/-1	D+/-1	G	h+/-1	SW	
5630/5631	100	15,5	82	32	100	G 1/2 B	87	22	
5635/5636	160	15,5	86,5	32	160	G 1/2 B	118	22	





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<sup>1)</sup> Liquid filling only model 5630 - 5632

<sup>&</sup>lt;sup>2)</sup> Scale range must be selected in consideration of the highest static pressure applied!
In heating circuits with circulating pumps the total pressure is calculated pressure given by the pump plus the water column above. The pressure differential to be indicated should be no less than 1/8 of the full scale range.