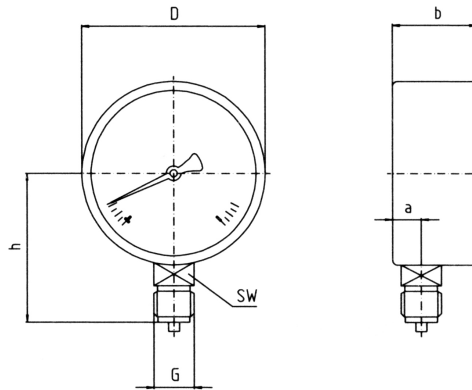


Case:	Steel, black varnished - Stainless steel AISI 304 - Surface mounting flange, steel black varnished
Bezel:	Without - Steel chromed ring, with glass window
Protection class:	IP 44 per EN 60529 / IEC 529
Dial:	Plastic, white, with stroke pin (diam. 40, 50, 63) Aluminium, white, with stroke pin (diam. 80, 100) lettering and graduation black - Red mark - Double scale bar/mWS (diam. 80, 100)
Pointer:	Plastic, black
Window:	Snap-fit window of clear plastic
Movement:	CU-alloy
Pressure element:	CU-alloy
Connection:	CU-alloy, male thread vertical entry (EN 837-1/7.3) G $\frac{1}{8}$, SW 14 (diam. 40) G $\frac{1}{4}$, SW 14 (diam. 50, 63) G $\frac{1}{2}$, SW 22 (diam. 80, 100)
Measuring range: (EN 837-1/5)	0/0,6 bar ... 0/400 bar -1,0 bar -0 bar ... -1,0 bar /+15 bar
Accuracy: (EN 837-1/6)	Class 1,6 - Class 1,0 (diam. 80, 100)
Working pressure:	Steady: $\frac{3}{4}$ x full scale value Fluctuating: $\frac{2}{3}$ x full scale value Short time: full scale value
Operating temp.:	Ambient: TMIN -40°C, TMAX +60°C Medium: TMAX +60°C - System hard soldered for TMAX +150°C /+200°C - OPTIONS
Special versions:	For closed heating systems diam. 63, 80 with red mark-pointer and green flag measuring range 0 ... 4 bar, red mark at 2,5 bar For water level reading (hydrometer) diam. 80, 100 ranges 0 ... 1 bar to 0 ... 10 bar with 2. skale in "mWS"



Dimensions
 standard version

connection vertical entry



diam.	dimensions [mm]						weight [kg]
	a	b ± 0,5	D	G	h ± 1	SW	
40	9,5	26	39	1/8 B	36	14	0,08
50	10	27,5	49	1/4 B	45	14	0,10
63	9,5	27,5	62	1/4 B	53,5	14	0,13
80	11,5	30	79	1/2 B	72	22	0,18
100	11,5	30,5	99	1/2 B	83,5	22	0,21

Connection acc. to EN 837-1/7.3

type		111.10				
diam.		40	50	63	80	100
version						
-1-0	bar	7500	7550	7601	7750	7801
-1+0,6		x	x	7563	x	7802
-1+1,5		x	x	7564	7751	7803
-1+3		x	x	7565	7752	7804
-1+5		x	x	7566	7753	7805
-1+9		x	x	7567	7754	7806
-1+15		x	x	7568	7755	7807
0-0,6		x	x	7602	7756	7808
0-1		x	7551	7603	7757	7809
0-1,6		7501	7552	7604	7758	7810
0-2,5	bar	7502	7553	7605	7759	7811
0-4		7503	7554	7606	7760	7812
0-6		7504	7555	7607	7761	7813
0-10		7505	7556	7608	7762	7814
0-16	bar	7506	7557	7609	7763	7815
0-25		7507	7558	7610	7764	7816
0-40		7508	7559	7611	7765	7817
0-60		x	7560	7612	7766	7820
0-100	bar	x	7561	7613	x	7821
0-160		x	7562	7614	x	7822
0-250		x	x	7615	x	x
0-315		x	x	7616	x	x
0-400		x	x	7617	x	x

type		111.10	
diam.		80	100
version			
0 - 0,6	bar 1)	7900	7910
0 - 1		7901	7911
0 - 1,6		7902	7912
0 - 2,5		7903	7913
0 - 4		7904	7914
0 - 6		7905	7915
0 - 10		7906	7916

1) With red mark-pointer, 2. scale mWS

For closed systems -
 with red mark-pointer and green flag

type		111.10	
diam.		63	80
version			
connection		G 1/4	
0-2,5-4	bar	7700	x
connection		G 3/8	G 1/2
0-2,5-4	bar	7710	7720

Dimensions and technical data are conform to current company standard.
 Changes to improve our instruments will be made without preannouncement.