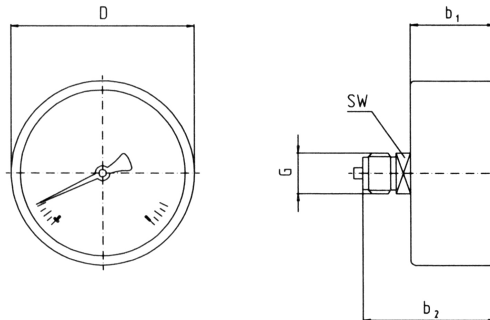


Case:	Steel, black varnished - Stainless steel AISI 304
Bezel:	Without - Steel chromed ring, with glass window - Panel mounting flange, steel black - Narrow panel ring, steel-chromed, with clamp
Protection class:	IP 44 per EN 60529 / IEC 529
Dial:	Plastic, white, with stroke pin (diam. 40, 50, 63) Aluminium, white, with stroke pin (diam. 80, 100) lettering and graduation black - Red mark
Pointer:	Plastic, black
Window:	Snap-fit window of clear plastic
Movement:	CU-alloy
Pressure element:	CU-alloy
Connection:	CU-Alloy, male thread back entry (EN 837-1/7.3) G $\frac{1}{8}$, SW 14 (diam. 40) G $\frac{1}{4}$, SW 14 (diam. 50, 63, 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
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



Dimensions
 standard version

connection back entry



diam.	dimensions [mm]					weight [kg]
	b1 ± 0,5	b2 ± 1	D	G	SW	
40	26	42	39	1/8 B	14	0,60
50	29,5	47,5	49	1/4 B	14	0,07
63	29	47	62	1/4 B	14	0,08
80	32	49	79	1/4 B	14	0,11
100	31	49	99	1/4 B	14	0,26

Connection acc. to EN 837-1/7.3

type		111.12				
diam.		40	50	63	80	100
version						
-1-0	bar	7510	7570	7680	7775	7825
-1+0,6		x	x	x	x	x
-1+1,5		x	x	x	x	x
-1+3		x	x	x	x	x
-1+5		x	x	x	x	x
-1+9		x	x	x	x	x
-1+15		x	x	x	x	x
0-0,6		x	x	7681	x	x
0-1		x	7571	7682	7776	7826
0-1,6		7511	7572	7683	7777	7827
0-2,5		7512	7573	7684	7778	7828
0-4		7513	7574	7685	7779	7829
0-6	bar	7514	7575	7686	7780	7830
0-10		7515	7576	7687	7781	7831
0-16		7516	7577	7688	7782	7832
0-25		7517	7578	7689	7783	7833
0-40		7518	7579	7690	7784	7834
0-60	bar	x	7580	7691	7785	x
0-100		x	7581	7692	x	x
0-160		x	x	7693	x	x
0-250		x	x	7694	x	x
0-315		x	x	7695	x	x
0-400		x	x	7696	x	x

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

type		111.12	
diam.		63	80
version			
connection		G 1/4	
0-2,5-4	bar	7701	x
connection		G 3/8	G 1/2
0-2,5-4	bar	7711	7721 1)

1) With valve G 1/4 inside x DIN 2999 G 1/2 outside.

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