

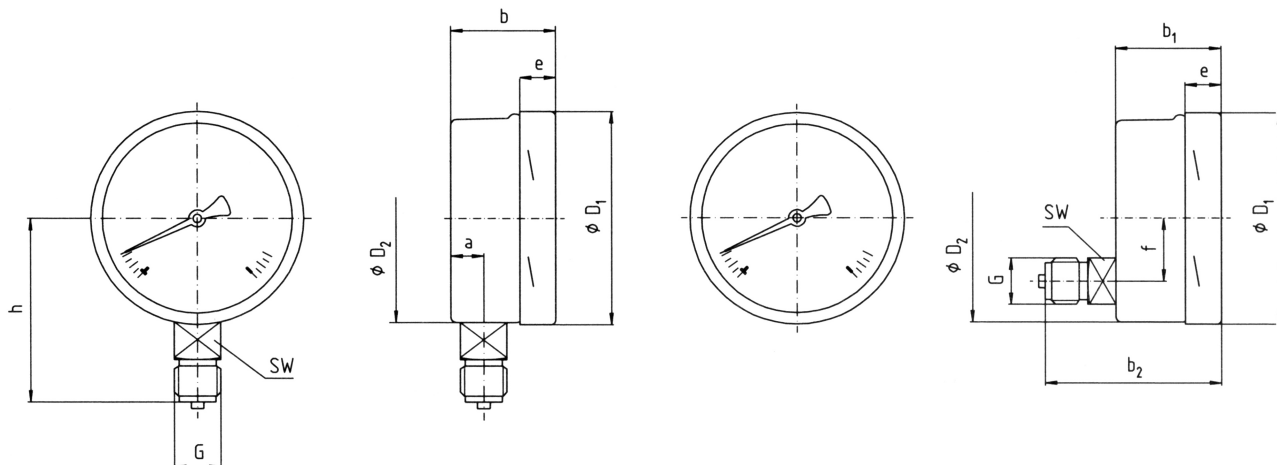
Case:	Bayonet, stainless steel AISI 304, with pressure relief - Surface mounting flange - Contacts (diam. 100, 160)
Bezel:	Bayonet, stainless steel AISI 304 - Panel mounting flange - Narrow panel ring, with clamp
Protection class:	IP 65 per EN 60529 / IEC 529
Filling:	Glycerine 98% - Silicon oil (down to -45°C)
Dial:	Aluminium, white varnished lettering and graduation black - Fixed red mark
Pointer:	Aluminium, black
Window:	Laminated safety glass - Red mark pointer (diam. 100, 160) - Max. drag pointer (diam. 100, 160)
Movement:	Stainless steel
Pressure element:	Stainless steel AISI 316 L
Connection:	Stainless steel AISI 316 L, male thread vertical or lower back entry (EN 837-1/7.3) G ¼, SW 14 (diam. 63) G ½, SW 22 (diam. 100, 160) - NPT ¼ (diam. 63) NPT ½ (diam. 100, 160)
Measuring range: (EN 837-1/5)	0/1,0 bar ... 0/1000 bar (diam. 63) 0/0,6 bar ... 0/1600 bar (diam. 100, 160) -1,0 bar -0 bar ... -1,0 bar /+24 bar
Accuracy: (EN 837-1/6)	Class 1,6 (diam. 63) Class 1,0 (diam. 100, 160) Class 2,5 (diam. 63 0-600 / 0-1000 bar)
Working pressure:	Steady: full scale value Fluctuating: 0,9 x full scale value Short time: 1,3 x full scale value
Operating temp.:	Ambient: TMIN -20°C, TMAX +60°C Medium: TMAX +100°C - OPTIONS



Dimensions
 standard version

connection
 vertical entry

connection
 lower back entry



diam.	dimensions [mm]											weight [kg]
	a	b	b1	b2	D1	D2	e	f	G	h ± 1	SW	
63	9,5	31	31	60	68,5	63	16	16	¼ B	53	14	0,26
100	15	49	49	85	101	100	17,5	30	½ B	86	22	0,9
160	15	51	51	86	160	159	17,5	50	½ B	118	22	2,0

Connection acc. to EN 837-1/7.3

type		233.50					
diam.		63		100		160	
version							
-1-0	bar	9360	9361	9223	9334	9213	x
-1+0,6		x	x	9316	x	x	x
-1+1,5		x	x	9317	x	x	x
-1+3		x	x	9318	x	x	x
-1+5		x	x	9319	x	9214	x
-1+9		x	x	9303	x	x	x
-1+15		x	x	x	x	x	x
-1+24		x	x	x	x	x	x
0-0,6		-	-	9332	x	x	x
0-1	bar	x	x	9224	x	x	x
0-1,6		x	x	9269	x	x	x
0-2,5		9362	9375	9270	9335	9215	x
0-4		9363	9376	9271	x	9216	x
0-6		9364	9377	9272	9336	9217	x
0-10		9367	9378	9273	9337	9218	x
0-16		9368	9379	9274	9338	9219	x
0-25		9369	9380	9275	x	9220	x
0-40		9370	9381	9276	x	9357	x
0-60	bar	9371	x	9277	x	9221	x
0-100		9372	9382	9278	x	9222	x
0-160		9373	x	9279	x	x	x
0-250		9374	9333	9280	9339	x	x
0-400		x	x	9281	x	x	x
0-600		x 1)	x 1)	9282	x	x	x
0-1000		x 1)	x 1)	9333	x	9299	x
0-1600		-	-	x	x	x	x

1) only class 2,5

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