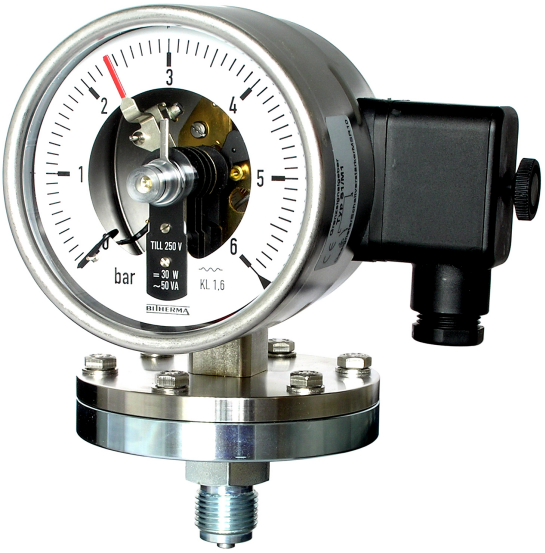
Diaphragm-pressure-gauge
industrial series
type 422.20 diam. 100, 160, 250 mm

Case:	Bayonet, stainless steel AISI 304 - Liquid filled - Contacts
Bezel:	Bayonet, stainless steel AISI 304
Protection class:	IP 54 per EN 60529 / IEC 529 - IP 65 with liquid filling
Dial:	Aluminium, white varnished lettering and graduation black - Red mark - Red mark pointer
Pointer:	Aluminium, black
Window:	Instrument glass - Laminated safety glass - Red mark pointer - Max. drag pointer
Movement:	Cu-alloy, wear parts nickel-silver
Pressure element:	Upper and lower flange, aluminium Diaphragm stainless steel Diaphragm sealing ring, NBR
Connection:	Brass male thread vertical entry (EN 837-1/7.3) G ½, SW 27 - With open flange
Measuring range: (EN 837-1/5)	0/0,6 bar … 0/40 bar 0/10 mbar … 0/400 mbar -1,0 bar -0 bar … -1,0 bar /+24 bar
Accuracy: (EN 837-1/6)	Class 1,6 - Class 1,0
Working pressure:	Steady: 1,0 x full scale value Fluctuating: 0,9 x full scale value Short time: 5,0 x full scale value, max. 40 bar - Overload safe, 10 times, but max. 40 bar
Operating temp.:	Ambient: TMIN -20°C, TMAX +60°C Medium: TMAX +100°C - Medium safe TMAX +200°C
	- OPTIONS



Picture shows an instrument
with magnetic contact

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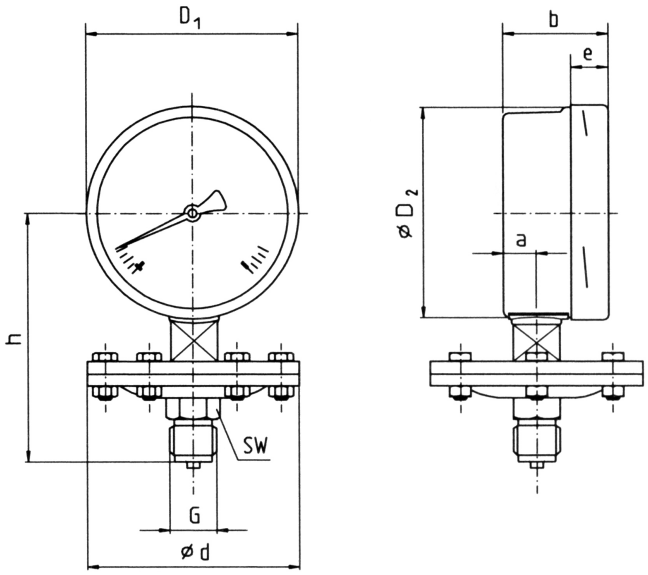
Dimensions
standard version



dimensions [mm]										weight [kg]	
D1	D2	a	b	e	d [0,6..40 bar]	d [10..400 mbar]	G	h ± 1	SW	d 100	d 160
100	99	15	50	17,5	100	160	½ B	129,5	27	1,1	1,7
160	159	14,5	50	17,5	100	160	½ B	168	27	1,6	2,2
250	249	16	55	17,5	100	160	½ B	209	27	2,8	3,4

Connection acc. to EN 837-1/7.3

type		422.20		
diam.		100	160	250
version				
-0,6-0	bar	x	x	x
-1-0		8401	8421	x
-0,6+1		x	x	x
-1+0,6		x	x	x
-1+1,5		8402	8422	x
-1+3		8403	8423	x
-1+5		8404	8424	x
-1+9		8405	8425	x
-1+15		x	x	x
-1+24		x	x	x
0-0,6		8406	8426	x
0-1		8407	8427	x
0-1,6		8408	8428	x
0-2,5		8409	8429	x
0-4		8410	8430	x
0-6		8411	8431	x
0-10		8412	8432	x
0-16		8413	8433	x
0-25		8414	8434	x
0-40		x	x	x
0-10	mbar	x	x	x
0-16		x	x	x
0-25		x	x	x
0-40	mbar	8415	8435	x
0-60		8416	8436	x
0-100		8417	8437	x
0-160		8418	8438	x
0-250		x	x	x
0-400		8419	8439	x

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