

Pressure gauge with mounted diaphragm seal with flange connection and flush diaphragm

08/2017

Applications

- For aggressive, highly viscous, crystallising or hot media
- Process industry
- Machine building and plant construction

Special features

- Flange with a flush welded diaphragm
- Universal application
- Fast delivery



Order numbers

Pressure measuring instrument	Pressure gauge per EN 837-1, NS 100, lower mount						
Mounting	Direct mounting						
Wetted material	Stainless steel 1.4435/1.4404 (316L)						
System fill fluid	KN 2 (for general application)						
Ambient temperature	min. +10 °C, max +40 °C						
Process connection	EN 1092-1/Form B1			ASME B16.5/ FR 125...250 AA			
	DN 50		DN 80	2"		3"	
	PN 10/40	PN 10/16	PN 25/40	Class 150	Class 300	Class 150	Class 300
1 bar	14216931	14217141	14217176	14217203	14217217	14217235	14217285
1.6 bar	14217125	14217143	14217177	14217204	14217218	14217239	14217287
2.5 bar	14217127	14217145	14217178	14217205	14217219	14217246	14217290
4 bar	14217128	14217146	14217179	14217206	14217221	14217249	14217291
6 bar	14217129	14217147	14217180	14217207	14217222	14217253	14217293
10 bar	14217130	14217150	14217182	14217208	14217223	14217257	14217294
16 bar	14217131	14217158	14217184	14217210	14217224	14217263	14217296
25 bar	14217132	14217159	14217185	14217211	14217225	14217267	14217299
40 bar	14217133	14217161	14217186	14217213	14217227	14217270	14217300
-1 ... 5 bar	14217134	14217173	14217189	14217214	14217229	14217273	14217301
-1 ... 9 bar	14217137	14217174	14217200	14217215	14217231	14217281	14217304
-1 ... 10 bar	14217139	14217175	14217202	14217216	14217232	14217284	14217305

Legend: available from stock in Germany available after production **** not available

Quick order code

Field no.	Code	Design
Case filling		
①	2	without
	3	with
Measuring range (in bar)		
②	G310	0 ... 1 bar
	G316	0 ... 1.6 bar
	G35	0 ... 2.5 bar
	G340	0 ... 4 bar
	G360	0 ... 6 bar
	G410	0 ... 10 bar
	G416	0 ... 16 bar
	G425	0 ... 25 bar
	G440	0 ... 40 bar
	V360	-1 ... +5 bar
	V410	-1 ... +9 bar
	V411	-1 ... +10 bar
Process connection standard		
③	D	following EN 1092-1
	A	following ASME B16.5
Process connection		
④	N050	DN 50
	N080	DN 80
	SM20	2"
	SM30	3"
Nominal pressure rating		
⑤	1	PN 10
	2	PN 16
	3	PN 25
	4	PN 40
	1	Class 150
	2	Class 300
Sealing face		
⑥	B1	Form B1
	1B	RF 125 ... 250 AA
3.1 inspection certificate per EN 10204 - 3.1		
⑦	Z	without
	M	Material proof: Wetted metallic parts with suppliers' certificate (melting analysis)

Order code: DSS27M-F ① B ② -DA1C5465- ③ ④ ⑤ ⑥ C1- ⑦