

Pressure gauge per EN 837-1 with mounted diaphragm seal with clamp connection

08/2017

Applications

- Hygienic pressure measurement in sanitary applications for the food and beverage industry
- Mechanical pressure display on pipelines and vessels
- Pressure/vacuum monitoring during cleaning, sterilisation, pressure testing
- For gases, vapour; liquid, pasty, powdery and crystallising media

Special features

- Quick cleaning, without residue
- Clamp connection easy to open for cleaning and seal replacement
- SIP (sterilisation in place) and CIP (cleaning in place) suitable
- Short delivery time



Order numbers

Pressure measuring instrument	Pressure gauge per EN 837-1, lower mount			
Mounting	Direct mounting			
Wetted material	Stainless steel 1.4435 (316L) Ra ≤ 0.76 µm			
System fill fluid	KN 92 (FDA, NSF H1, USP, EP, JP)			
Ambient temperature	min. 10 ... 40 °C (50 ... 104 °F)			
Medium temperature	-10 ... 80 °C (-50 ... 176 °F), for SIP max. 130 °C (266 °F)			
Process connection	BS 4825 part 3 or O.D. tube		DIN 11866 row C or ASME BPE	
	1 1/2"	2"	1 1/2"	2"
	(Outer diameter x wall thickness 38.1 x 1.6 mm)	(Outer diameter x wall thickness 50.8 x 1.6 mm)	(Outer diameter x wall thickness 38.1 x 1.65 mm)	(Outer diameter x wall thickness 50.8 x 1.65 mm)
1 bar	14200289	14200309	14200328	14200343
1.6 bar	14200290	14200311	14200329	14200344
2.5 bar	14200292	14200313	14200330	14200346
4 bar	14200293	14200315	14200331	14200347
6 bar	14200294	14200316	14200332	14200348
10 bar	14200295	14200318	14200334	14200351
16 bar	14200296	14200320	14200337	14200353
25 bar	14200304	14200322	14200338	14200354
-1 ... 5 bar	14200305	14200323	14200340	14200355
-1 ... 9 bar	14200306	14200324	14200341	14200356
-1 ... 10 bar	14200308	14200327	14200342	14200357

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