



Pressure gauges designed for the food industry, where PZH certification is required. Due to the materials used, the medium temperature can reach 200°C. When using a liquid filling, this temperature drops to 100°C. Resistant to contaminants such as dust, vapors, and atmospheric conditions.

Technical data

Characteristic
– pressure measurement of liquids and gases – pressure measurement in the event of vibrations (version with filling) – all elements made of stainless steel – high quality – EN837-1 standard
Measuring range
0÷0,6 bar do 0÷1000 bar (ø63 mm) 0÷0,6 bar do 0÷1000 bar (ø100 mm) 0÷0,6 bar do 0÷1600 bar (ø160 mm)
Housing (IP65)
– stainless steel 1.4301 (ø63, 100, 160 mm)
Elements in contact with the medium
– stainless steel 316L
Process connection
G¼, M12x1,5 (ø63 mm) G½, M20x1,5 (ø100, 160 mm)
Accuracy class
1,6% (ø63 mm) 1,0% (ø100, 150, 160 mm)
Medium temperature
MB–SN–SN-0 max. 200°C MB–SN–SN-G max. 100°C
Ambient temperature
–40÷60°C
Additional functions
– output 4÷20 mA – panel or wall mounting – alarm contacts – chemical separator – oxygen version



Product code

1	☐	Filling	
		G	glycerin or silicone oil
			no filling
2	☐	Housing diameter	
		63	63 mm
		100	100 mm
		160	160 mm
		Thread dimension	
3	☐	G¼	G¼ (ø63 mm)
		M12x1,5	M12x1,5 (ø63 mm)
		G½	G½ (ø100, 160 mm)
		M20x1,5	M20x1,5 (ø100, 160 mm)

4		Process connection type	
		R	radialne
		T	tylne
		Ranges	
5		-1200÷0	-1200÷0 mbar
		-1÷0,6	-1÷0,6 bar
		-1÷1,5	-1÷1,5 bar
		-1÷3	-1÷3 bar
		-1÷5	-1÷5 bar
		-1÷9	-1÷9 bar
		-1÷15	-1÷15 bar
		0÷0,6	0÷0,6 bar
		0÷1	0÷1 bar
		0÷1,6	0÷1,6 bar
		0÷2,5	0÷2,5 bar
		0÷4	0÷4 bar
		0÷6	0÷6 bar
		0÷10	0÷10 bar
		0÷16	0÷16 bar
		0÷25	0÷25 bar
		0÷40	0÷40 bar
		0÷60	0÷60 bar
		0÷100	0÷100 bar
		0÷160	0÷160 bar
		0÷250	0÷250 bar
		0÷400	0÷400 bar
		0÷600	0÷600 bar
		0÷1000	0÷1000 bar
		0÷1600	0÷1600 bar
6		Class	
		1,0%	1,0% (100, 160 mm)
7		1,6%	1,6% (ø63 mm)
7		Additional functions	
		alarm contacts	alarm contacts, 4÷20 mA signal, chemical separator, oxygen version

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Ordering example: Pressure gauge RChg-G-63-G¼-R-6bar-1,6