



1

2

d <sub>1</sub>		Opening pressure in mbar ±20%	d <sub>2</sub>	d <sub>3</sub>	e ≈	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	A/F
M 12 x 1,5	-	200	18	20	23,5	8,5	11,5	24,5	22
M 14 x 1,5	G 1/4	200	20	20	23,5	8,5	11,5	24,5	22
M 16 x 1,5	-	200	22	20	23,5	8,5	11,5	24,5	22
-	G 3/8	200	23	20	23,5	8,5	11,5	24,5	22
M 18 x 1,5	-	200	24	20	23,5	8,5	11,5	24,5	22
M 20 x 1,5	-	200	26	20	29	8,5	11,5	24,5	27
M 22 x 1,5	-	200	27	20	29	8,5	11,5	24,5	27
-	G 1/2	200	26	20	29	8,5	11,5	24,5	27
M 24 x 1,5	-	200	29	20	32,5	8	12	25	30
M 26 x 1,5	G 3/4	200	32	20	34	8	12	25	32
M 30 x 1,5	-	200	36	20	39	8	12	25	36
-	G 1	200	39	20	44	8	12	25	41

### Specification

4

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- Valve body  
Brass **MS**
- Breather cap  
Stainless steel AISI 304 **M**
- Sealing disk  
Brass  
with silicone-rubber coating (VMQ)
- Pressure spring  
Stainless steel AISI 301
- Seal DIN 7603 A  
Soft iron 1.0338
- Temperature resistant from -30 °C to +200 °C
- Stainless Steel Characteristics → Page 2166

- RoHS

### On request

- Other materials
- With opening pressure 50 mbar (yellow ring)
- With dipstick

### Information

Once the opening pressure given in the table is exceeded, breather valves GN 881 with gasket will vent into a container and so protect against excessive inside container pressure. A green color ring marks an opening pressure of 200 mbar.

In its normal state, the gasket closes the container and so prevents dirt or dust getting inside the container.

The above diagram shows the air outlet as factor of the opening pressure. The installation position is vertical to the top.

The valves are checked for leak tightness and opening pressure.

#### Assembly instruction:

For mounting on walls of less than 4 mm thickness please use mounting nuts GN 7430.

#### How to order

1	d <sub>1</sub>
2	Opening pressure
3	Material (Valve body)
4	Material (Breather cap)

**GN 881-G<sup>1</sup>/<sub>2</sub>-200-MS-M**