



Specification

• Body Brass	2	3	MS
• Breather cap Stainless steel AISI 304			M
• Air filter Stainless steel wire mesh AISI 304 - Filter class G2-G3 - Mean separation efficiency (Am approx. 65-85 %, based on a particle size > 10 µm)			
• Seal DIN 7603 A Soft iron 1.0338			
• Temperature resistant from -22 °F to +392 °F (-30 °C to +200 °C)			
• <i>Stainless Steel Characteristics</i> → page 2143			
• RoHS compliant			

Accessory

- Thin hex nuts GN 7430 → page 1714

On request

- Other material
- With dipstick

Information

GN 882 breather filters are used when an air exchange is to be enabled between the container interior and the outside. A blue colored ring marks the filter function.

The stainless steel wire mesh prevents airborne particles above a certain size from entering the container interior from the outside and, at the same time, ensures that fluid particles do not escape to the outside.

The diagram above shows the air outlet as a function of the differential pressure. The recommended installation position is vertically upwards.

Assembly note:

For wall thicknesses below 4 mm, use GN 7430 thin hex nuts.

see also...

- *Breather Valves GN 881 / GN 883* → page 1700 / 1702

How to order

GN 882-M20x1.5-MS-M

1	Fine thread d ₁ (Pipe thread d ₁)
2	Body material
3	Breather cap material

Metric table



Dimensions in: millimeters - inches

d ₁		d ₂	d ₃	e	l ₁	l ₂	l ₃	A/F
Fine thread	Pipe thread							
M 12 x 1.5	-	18 <i>0.71</i>	20 <i>0.79</i>	23.5 <i>0.93</i>	8.5 <i>0.33</i>	11.5 <i>0.45</i>	24.5 <i>0.96</i>	22 <i>0.87</i>
M 14 x 1.5	-	20 <i>0.79</i>	20 <i>0.79</i>	23.5 <i>0.93</i>	8.5 <i>0.33</i>	11.5 <i>0.45</i>	24.5 <i>0.96</i>	22 <i>0.87</i>
-	G 1/4	20 <i>0.79</i>	20 <i>0.79</i>	23.5 <i>0.93</i>	7.5 <i>0.30</i>	10.5 <i>0.41</i>	24.5 <i>0.96</i>	22 <i>0.87</i>
M 16 x 1.5	G 3/8	22 <i>0.87</i>	20 <i>0.79</i>	23.5 <i>0.93</i>	8.5 <i>0.33</i>	11.5 <i>0.45</i>	24.5 <i>0.96</i>	22 <i>0.87</i>
M 18 x 1.5	-	24 <i>0.94</i>	20 <i>0.79</i>	23.5 <i>0.93</i>	8.5 <i>0.33</i>	11.5 <i>0.45</i>	24.5 <i>0.96</i>	22 <i>0.87</i>
M 20 x 1.5	-	26 <i>1.02</i>	20 <i>0.79</i>	29 <i>1.14</i>	8.5 <i>0.33</i>	11.5 <i>0.45</i>	24.5 <i>0.96</i>	27 <i>1.06</i>
M 22 x 1.5	-	27 <i>1.06</i>	20 <i>0.79</i>	29 <i>1.14</i>	8.5 <i>0.33</i>	11.5 <i>0.45</i>	24.5 <i>0.96</i>	27 <i>1.06</i>
-	G 1/2	26 <i>1.02</i>	20 <i>0.79</i>	29 <i>1.14</i>	8 <i>0.31</i>	12 <i>0.47</i>	25 <i>0.98</i>	27 <i>1.06</i>
M 24 x 1.5	-	29 <i>1.14</i>	20 <i>0.79</i>	32.5 <i>1.28</i>	8 <i>0.31</i>	12 <i>0.47</i>	25 <i>0.98</i>	30 <i>1.18</i>
M 26 x 1.5	G 3/4	32 <i>1.26</i>	20 <i>0.79</i>	34 <i>1.34</i>	8 <i>0.31</i>	12 <i>0.47</i>	25 <i>0.98</i>	32 <i>1.26</i>
M 30 x 1.5	-	36 <i>1.42</i>	20 <i>0.79</i>	39 <i>1.54</i>	8 <i>0.31</i>	12 <i>0.47</i>	25 <i>0.98</i>	36 <i>1.42</i>
-	G 1	39 <i>1.54</i>	20 <i>0.79</i>	44 <i>1.73</i>	8 <i>0.31</i>	12 <i>0.47</i>	25 <i>0.98</i>	41 <i>1.61</i>

3.1

3.2

3.3

3.4

3.5

3.6

3.7

3.8

3.9

3.10

