



**2** Type  
**A** Low design  
**B** High design, with stainless steel cap

**Specification**



- Body  
Brass **MS**
- 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  
(at d<sub>1</sub> = M10x1: PA6)
- Breather cap (Type B)  
Stainless steel AISI 304
- Temperature resistant from  
-22 °F to +392 °F (-30 °C to +200 °C)
- [Stainless Steel Characteristics](#) → page 2143
- [RoHS compliant](#)

**Accessory**

- Thin hex nuts GN 7430 → page 1714

**On request**

- Other materials
- Other dimensions

**Information**

GN 884 breather filters are used when an air exchange is to be enabled between a closed interior and the outside. This effectively prevents underpressure or overpressure occurring in the system.

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

A symbol “BE” (type A) or a blue colored ring (type B) mark the filter function. 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**

**GN884-G1/2-A-MS**

<b>1</b>	Pipe thread d <sub>1</sub> (Fine thread d <sub>1</sub> )
<b>2</b>	Type
<b>3</b>	Material

**Metric table**



Dimensions in: millimeters - inches

d <sub>1</sub>		d <sub>2</sub>	d <sub>3</sub>	e <sub>1</sub>	e <sub>2</sub>	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	l <sub>4</sub>	l <sub>5</sub>	A/F		Approx. air outlet l/min. at Δ 0.2 bar	
Fine thread	Pipe thread										Type A	Type B	Type A	Type B
-	G 1/8	13.5 <i>0.53</i>	12.5 <i>0.49</i>	16 <i>0.63</i>	18.5 <i>0.73</i>	6 <i>0.24</i>	6 <i>0.24</i>	8 <i>0.31</i>	7 <i>0.28</i>	16 <i>0.63</i>	14 <i>0.55</i>	17 <i>0.67</i>	24	46
M 10 x 1	-	14.5 <i>0.57</i>	12.5 <i>0.49</i>	16 <i>0.63</i>	18.5 <i>0.73</i>	6 <i>0.24</i>	6 <i>0.24</i>	8 <i>0.31</i>	7 <i>0.28</i>	16 <i>0.63</i>	14 <i>0.55</i>	17 <i>0.67</i>	24	46
M 12 x 1.5	-	18 <i>0.71</i>	12.5 <i>0.49</i>	19.5 <i>0.77</i>	18.5 <i>0.73</i>	6.5 <i>0.26</i>	6 <i>0.24</i>	7.5 <i>0.30</i>	7.5 <i>0.30</i>	16.5 <i>0.65</i>	17 <i>0.67</i>	17 <i>0.67</i>	24	46
M 14 x 1.5	G 1/4	20 <i>0.79</i>	12.5 <i>0.49</i>	19.5 <i>0.77</i>	18.5 <i>0.73</i>	6.5 <i>0.26</i>	6 <i>0.24</i>	7.5 <i>0.30</i>	7.5 <i>0.30</i>	16.5 <i>0.65</i>	17 <i>0.67</i>	17 <i>0.67</i>	24	46
M 16 x 1.5	-	22 <i>0.87</i>	12.5 <i>0.49</i>	25 <i>0.98</i>	24 <i>0.94</i>	9 <i>0.35</i>	11 <i>0.43</i>	7.5 <i>0.30</i>	7.5 <i>0.30</i>	16.5 <i>0.65</i>	22 <i>0.87</i>	22 <i>0.87</i>	24	46
M 18 x 1.5	-	24 <i>0.94</i>	12.5 <i>0.49</i>	25 <i>0.98</i>	24 <i>0.94</i>	9 <i>0.35</i>	11 <i>0.43</i>	7.5 <i>0.30</i>	7.5 <i>0.30</i>	16.5 <i>0.65</i>	22 <i>0.87</i>	22 <i>0.87</i>	24	46
M 22 x 1.5	-	27 <i>1.06</i>	12.5 <i>0.49</i>	31 <i>1.22</i>	29 <i>1.14</i>	9 <i>0.35</i>	11 <i>0.43</i>	7.5 <i>0.30</i>	7.5 <i>0.30</i>	16.5 <i>0.65</i>	27 <i>1.06</i>	27 <i>1.06</i>	24	46
-	G 3/8	23 <i>0.91</i>	12.5 <i>0.49</i>	25 <i>0.98</i>	24 <i>0.94</i>	9 <i>0.35</i>	11 <i>0.43</i>	7.5 <i>0.30</i>	7.5 <i>0.30</i>	16.5 <i>0.65</i>	22 <i>0.87</i>	22 <i>0.87</i>	24	46
-	G 1/2	26 <i>1.02</i>	12.5 <i>0.49</i>	31 <i>1.22</i>	29 <i>1.14</i>	8.5 <i>0.33</i>	11 <i>0.43</i>	8 <i>0.31</i>	8 <i>0.31</i>	17 <i>0.67</i>	27 <i>1.06</i>	27 <i>1.06</i>	24	46
-	G 3/4	32 <i>1.26</i>	12.5 <i>0.49</i>	37 <i>1.46</i>	35 <i>1.38</i>	8.5 <i>0.33</i>	11 <i>0.43</i>	8 <i>0.31</i>	8 <i>0.31</i>	17 <i>0.67</i>	32 <i>1.26</i>	32 <i>1.26</i>	24	46

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