



# UK Flowtechnik

Specialists in flow metering, pumps, couplings  
and process measurement equipment

## PRODUCT DATASHEET



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## G Series Gas Flowmeters



Pneumatic Flow Meters are ideal for monitoring air compressor outputs, pneumatic tool air consumption, and industrial gas flows. The rugged and reliable design includes all metal pressure vessels, allowing safe installation in industrial systems and industries. Enjoy the unrestricted mounting capabilities and easy installation with multiple ports available.

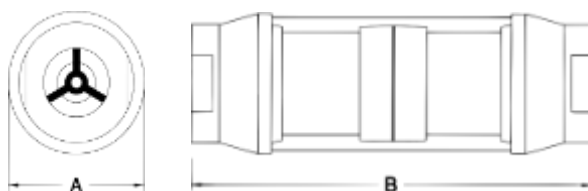
### Features & Benefits

- Linearity 4% of full scale
- Up to 69 Bar pressure rating
- Scales SCFM or SLPS @ 6.8 Bar
- BSPP, NPT or SAE ports available
- Horizontal or vertical mounting

### Technical Data

Body Material	Anodised Aluminium, Brass or 304 Stainless Steel
Orifice, Cone & Spring Material	Stainless Steel
Seals	Buna-N (EPR, Viton or FFKM optional)
Window Material	Polycarbonate (Buna-N seal)
Linearity	$\pm 2.5\%$ FSD centre $\frac{1}{3}$ & $\pm 4\%$ top & bottom $\frac{1}{3}$ of scale
Maximum Viscosity	110 cSt
Max Pressure (Bar)	41 Bar (Aluminium & Brass), 69 Bar (Stainless Steel)
Max Temperature (°C)	116°C

## Dimensional Data



	Series 3	Series 4	Series 5	Series 5 (with 2" ports)
<b>A</b>	<b>48</b>	<b>60</b>	<b>90</b>	
<b>B</b>	<b>167</b>	<b>182</b>	<b>258</b>	<b>322</b>

## Ordering Information

<b>G</b>	<b>4</b>	<b>S</b>	<b>-</b>	<b>5</b>	<b>A</b>	<b>V</b>	<b>-</b>	<b>20</b>	<b>-</b>	
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**Style**  
Pneumatic (air/Gas) **G**

**Meter Size Code (Inches)**  
1/4" to 1/2" **3**  
3/4" to 1" **4**  
1.1/4" to 2" **5**

**Material**  
Aluminium **A**  
Brass **B**  
Stainless Steel **S**

**Pressure rating**  
41 Bar (Air/Gas Aluminium & Brass) **4**  
69 Bar (Air/Gas Stainless Steel) **5**

**Fluid**  
Air & Gases **A**

**Thread Type/  
Porting female**  
1/4" NPT **S** 3 Only  
3/8" NPT **A** 3 Only  
1/2" NPT **B** 3 Only  
3/4" NPT **C** 4 Only  
1" NPT **D** 4 Only  
#6 SAE **E** 3 Only  
#8 SAE **F** 3 Only  
#10 SAE **G** 4 Only  
#12 SAE **H** 4 Only  
#16 SAE **J** 4 Only  
1.1/4" NPT **K** 5 Only  
1.1/2" NPT **L** 5 Only  
2" NPT **M** 5 Only  
#20 SAE **N** 5 Only  
#24 SAE **P** 5 Only  
#32 SAE **Q** 5 Only  
1/4" BSPP **&** 3 Only  
3/8" BSPP **R** 3 Only  
1/2" BSPP **T** 3 Only  
3/4" BSPP **U** 4 Only  
1" BSPP **V** 4 Only  
1.1/4" BSPP **W** 5 Only  
1.1/2" BSPP **Y** 5 Only  
2" BSPP **X** 5 Only

**Style**  
Standard Uni-Directional **--**  
Reverse Flow Option **RF**

**Flow Range**  

SCFM	For Sizes
2-12	<b>01</b> 3 Only
4-23	<b>02</b> 3 and 4
5-50	<b>05</b> 3 and 4
10-100	<b>10</b> 3 and 4
25-150	<b>15</b> 3 and 4
20-215	<b>20</b> 4 Only
20-250	<b>25</b> 4 and 5
30-330	<b>30</b> 4 Only
30-400	<b>40</b> 4 Only
40-500	<b>50</b> 4 Only
30-750	<b>75</b> 5 Only
150-900	<b>88</b> 5 Only
150-1300	<b>99</b> 5 Only

Note: SAE porting not available in Brass.

Consult factory for SAE brass meter requirements.