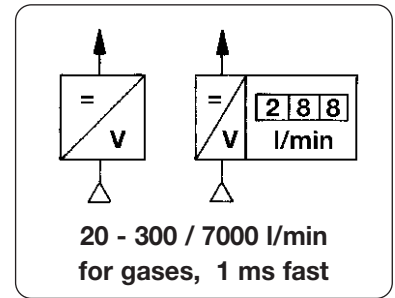


Description	The flow measurement device works with differential pressure technology. It allows active flow control through continuous real time measurement, realised within 1 ms.		
Media	air or neutral gases		
Power supply	15 - 24 V DC / 80 mA	Inlet pressure	max. 11 bar / 165 psi
Analogue output	0 - 10 V DC, as option 4 - 20 mA or 20 - 4 mA	Shock rating	25 g
Accuracy	± 4 % FS	Response time	1 ms
Repeatability	± 0.25 % FS	Temperature sensitivity	0.25 % / °C
Detectable flow	> 4% FS		
Protection class	IP54 / Nema 4		
Temperature range	0 °C to 50 °C / 32 °F to 122 °F working 0 °C to 70 °C / 32 °F to 158 °F ambient		
Materials	Body: anodized aluminium Elastomer: NBR, Buna-N	Transducer: silicon, aluminium Tubing: plastic	



Dimensions			Supply voltage	Operating pressure	Connection thread	Flow rate	Order number
H	W	T	V DC	max. bar	G	l/min*1	
mm	mm	mm					

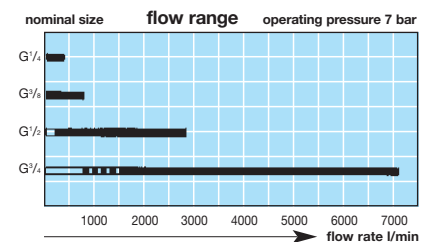
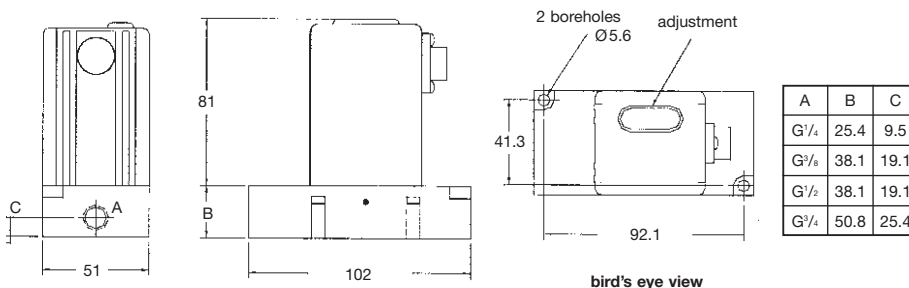
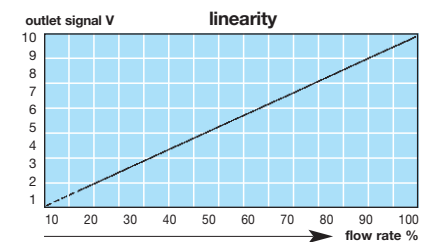
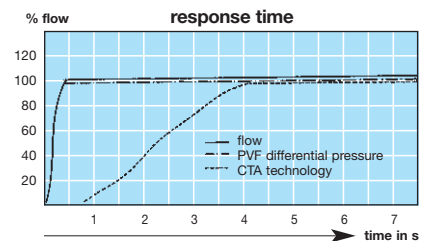
Flow monitor	for air, output signal 0-10 V, w/o display, with plug,		4% accuracy with plug, outlet open		VPF
107	102	51	24 V	11 bar	G 1/4 20... 300 l/min VPF - 2
120	102	51			G 3/8 70... 700 l/min VPF - 3
120	102	51			G 1/2 300...3000 l/min VPF - 4
132	102	51			G 3/4 7000...7000 l/min VPF - 5



VPF-6A

Special options add the appropriate letter

4 - 20 mA	outlet signal proportional to flow	I	VPF - .I
20 - 4 mA	outlet signal proportional to flow	L	VPF - .L
with display	LED, red, 12 mm high	A	VPF - .A
other gases	argon: R	nitrogen: N	VPF - .N
	carbon dioxide: C	helium: H	VPF - .H



*1 with open outlet and P₁ = 10 bar

Order example:
VPF - 6