

Technical specifications and mounting description Stainless Steel Models

Equflow Turbine Flowmeters

Proces specifications	SS models		
	0045	0085	0125
Flowrange L/min	0.06 - 2.0	0.5 - 20.0	1.5 - 40.0
Accuracy	1%		
Repeatability	0.15%		
Wetted Parts	SS 316L - PFA - ruby bearing		
Proces connections	1/4" NPT or BSP	3/8" NPT or BSP	1/2" NPT or BSP
Max Liquid temperature °C / F	80 / 176		
Max pressure Bar	25	25	25
Viscosity in cSt	0,8 - 10		
Impuls /ltr (water 20 °C)	110.000	6100	2000
Filter µm	100	100	150
Sealing material	Standard FPM [Viton]		



Recommendations before use:

- Check flow direction (arrow on sensor)
- Install a suitable filter in front of the sensor (see table)
- De-aerate the system with gentle pressure before starting the system
- Check for leakage after system start
- Never clean the sensor with compressed Air
- Check chemical resistance wetted parts

Electrical specifications and connections

Power supply 5 - 30 Vdc or 5 Vdc (Low Voltage only)
Output All sensors: NPN square wave

If R load is < 10K extra pull up is required (R X) 4K7 or 2k2

Dimensions in mm	0045.S.	NPT	0045.S.	BSP	0085.S.	NPT	0085.S.	BSP	0125.S.	NPT	0125.S.	BSP
A	72.5		67		72.3		67.2		73.8		71.2	
B	14.7		14.4		14.8		12.35		15.5		14.2	
C	14.7		14.4		14.8		12.35		15.5		14.2	
D	68.5		68.5		71.2		71.2		76		76	
E	28.5		28.5		30.3		30.3		30		30	
F	12		12		12		12		12		12	
G	13.8		13.8		17.2		17.2		21.7		21.7	
H	4.5		4.5		8.85		8.85		14		14	
I	40		40		40		40		45		45	