

Technical specifications and mounting description PFA Fixed and Disposable models

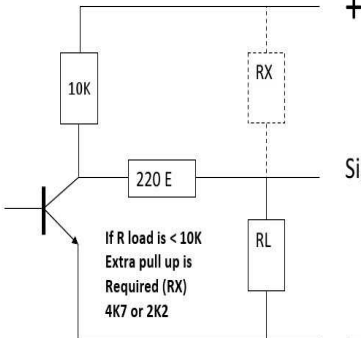
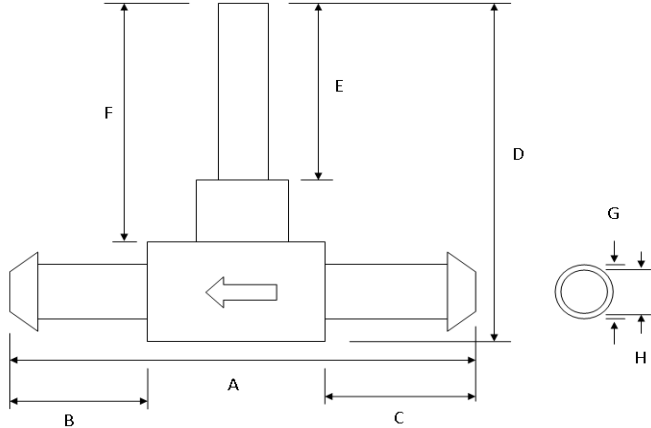
Equflow Turbine Flowmeters

Proces specifications	PFA 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	PFA-340 with ruby bearing		
Proces connections	½" NPT or 7 mm barb	¼" NPT or 12 mm barb	½" NPT / BSP
Max Liquid temperature °C / F	80 / 176		
Max pressure Bar / Psig	20 / 284	15 / 213	10 / 142
Viscosity in cSt	0,8 - 10		
Impuls /ltr (water 20 °C)	110.000	6100	2000
Filter µm	100	100	150
Sealing material	-		



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	
<p>Power supply 5 - 30 Vdc or 5 Vdc (Low Voltage only)</p> <p>Output All sensors: NPN square wave</p>  <p>Wire colors:</p> <p>Grey cable: Red = + White = signal Black = -</p> <p>Signal</p> <p>Black cable with 3.5 jack: White = + Red = signal Blanc = -</p>	

Dimensions in mm	0045.T.H Hose Barbs	0045.T.N NPT	0085.T.H Hose Barbs	0085.T.N NPT	0125.T.B NPT - BSP
A	50.8	51.5	60.3	60.3	71.5
B	14.7	15.8	19.4	19.2	22.3
C	16.6	15.8	19.1	19.2	26.3
D	60.6	60.6	66.8	66.8	71.2
E	36.7	36.7	36.7	36.7	36.7
F	46.5	46.5	44.4	44.4	45.6
G	7.8	9.8	13.3	13.2	20.3
H	4.6	4.7	9.0	9.0	14.0