



Technical specifications and mounting description Equflow Stainless-steel Turbine Flowmeters

Process specifications		Models		
		0045	0085	0125
Flowrange (L/min)	Minimum:	0,03	0,5	1,5
	Start linear*:	0,10	1,0	2,5
	Maximum:	2,00	20,0	40,0
Wetted parts		Stainless-steel 316L, PVDF and ruby (0045 and 0085 models) Stainless-steel 316L, PFA and ruby (0125 models)		
Process connections		1/4" BSP, 1/4" NPT or 3/4" Tri-Clamp	3/8" or 1/2" BSP, 3/8" NPT or 3/4" Tri-Clamp	1/2" BSP, 1/2" NPT or 1" Tri-Clamp
Maximum temperature (°C / °F)		80 / 176		
Maximum pressure (bar)		100**	200**	200
Viscosity (cSt)		0,8 - 10		
Approximate K-factor (pulses/L)		100.000	4.800	2000
Recommended filter pore size (µm)		100	100	150

*The linear range (from the start linear up to the maximum flowrate) is the flowrange where the K-factor is almost independent of the flowrate

** With additional pressure support the maximum pressure will be 150 bar (0045 models) and 250 bar (0085 models)

Recommendations for using Equflow flowmeters

- Check flow direction (arrow on the housing/tubeholder), fluid going in the opposite direction will not generate an output signal.
- Install a suitable filter in front of the sensor (see table for recommended pore size).
- De-aerate the system with a gentle flow before starting the system.
- Check for leakages after starting the system.
- Never clean the flowtube with compressed air.
- Check chemical resistance of the wetted parts before use

Electrical specifications and sensor connections

