

Technical specifications and mounting description Equiflow Low Flow Stainless-steel Turbine Flowmeters

Process specifications		Models	
		0045 low flow**	0045
Flowrange (L/min)	Minimum:	0,02	0,03
	Start linear*:	0,07	0,10
	Maximum:	1,00	2,00
Wetted parts		Stainless-steel 316L, PVDF and ruby	
Process connections		1/4" BSP, 1/4" NPT or 3/4" Tri-Clamp	1/4" BSP, 1/4" NPT or 3/4" Tri-Clamp
Maximum temperature (°C / °F)		80 / 176	
Maximum pressure (bar)		100***	100***
Viscosity (cSt)		0,8 - 10	
Approximate K-factor (pulses/L)		130.000	100.000
Recommended filter pore size (µm)		100	100

*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

**The low flow models are marked by a -L at the end of the productcode, e.g. 0045PHP01CA-L

*** With additional pressure support the maximum pressure will be 150 bar (both models)

Recommendations for using Equiflow 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

