EQUFLOW B.V. I THE NETHERLANDS

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Technical specifications and mounting description Equflow PVDF-X Turbine Flowmeters

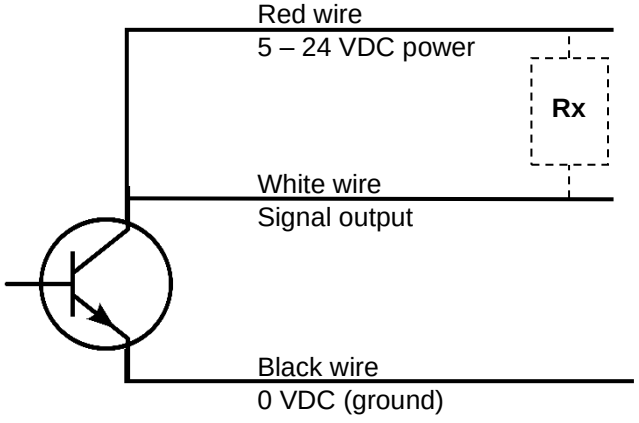
Process specifications		**Models**	
		0045	**0085**
Flowrange (L/min)	Minimum:	0,03	0,5
	Start linear*:	0,10	1,0
	Maximum:	2,00	20,0
Wetted parts		PVDF and ruby	
Process connections		¼" BSP	⅜" BSP
Maximum temperature (˚C / ˚F)		80 / 176	
Maximum pressure (bar)		25	20
Viscosity (cSt)		0,8 - 10	
Approximate K-factor (pulses/L)		100.000	4.800
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

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.
- Only the wetted parts of the flowmeter should come in contact with liquids. Avoid liquid from reaching the sensor's electronics.

Electrical specifications and sensor connections



If R load is < 10kΩ, a pull-up resistor (Rx) is required: for example 4k7 or 2k2 Ω

Output: NPN square wave

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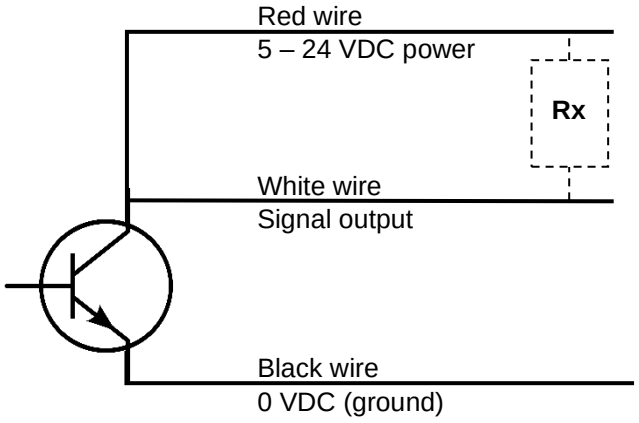

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