



Single-Use PFA Click Housing Flow Sensor

The Equiflow PFA Click Housing Flow Meter is an easy-to-install model designed for exchanging wetted parts. It utilizes an infrared (IR) turbine rotor reflection mechanism, ensuring precise and consistent flow readings. Constructed from PFA (perfluoroalkoxy) material, it can handle a wide range of liquids, including corrosive and aggressive substances. Additionally, the wetted parts can be sterilized up to 150°C.

SPECIFICATIONS	0045	0085
Inner diameter	4.6 mm (0.18")	9.1 mm (0.36")
Linear flow range	0.1-1.8 L/min (0.03-0.53 GPM)	1.0-20.0 L/min (0.26-5.28 GPM)
Minimum flow	0.06 L/min (0.02 GPM)	0.5 L/min (0.13 GPM)
Accuracy	1% of reading	1% of reading
Repeatability	< 0.15%	< 0.15%
Wetted materials	PFA, Ruby	PFA, Ruby
Process connection	7 mm hose barb or 1/8" NPT	12 mm hose barb or 1/4" NPT
Recommended tubing size for hose barb	6 mm (1/4") ID	9 mm (3/8") ID
Liquid temperature	-20°C to 80°C (-4°F to 176°F)	-20°C to 80°C (-4°F to 176°F)
Max. pressure at 20°C	20 Bar (290 psi)	15 Bar (217 psi)
Viscosity	0.8-10 cP	0.8-10 cP
Approx. K-factor (P = pulses)	115,000 P/L (433,000 P/G)	5,300 P/L (19,000 P/G)
Power supply	5-24 Vdc	5-24 Vdc
Output signal	5-24 V SQW	5-24 V SQW
Power consumption	34 mA at 5 V	34 mA at 5 V
Default cable	PVC 1 m (39.37")	PVC 1 m (39.37")

All data are derived from tests conducted under ideal laboratory conditions using water. Specifications may vary depending on local process conditions.

Features & Benefits

- Infrared (IR) turbine rotor reflection results in accurate and repeatable flow measurements
- High chemical and corrosive resistance
- High resolution square wave output
- Floating version for flexible use
- Tubes can be sterilized up to 150°C (302 °F)

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