



Single-Use PFA Clip Mounting Flow Sensor

The Equiflow PFA Clip Mounting Flow Meter is an easy-to-install model designed for fast exchange of 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	0125
Inner diameter	4.6 mm (0.18")	9.1 mm (0.36")	14.0 mm (0.55")
Linear flow range	0.1 - 1.8 L/min (0.03 - 0.48 GPM)	1.0 - 20.0 L/min (0.26 - 5.28 GPM)	3.0 - 40.0 L/min (0.79 - 10.57 GPM)
Minimum flow	0.06 L/min (0.02 GPM)	0.5 L/min (0.13 GPM)	1.5 L/min (0.40 GPM)
Accuracy	1% of reading	1% of reading	1% of reading
Repeatability	< 0.15%	< 0.15%	< 0.15%
Wetted materials	PFA, Ruby	PFA, Ruby	PFA, Ruby
Process connection	7 mm hose barb or 1/8" NPT	12 mm hose barb or 1/4" NPT	1/2" BSP
Recommended tubing size for hose barb	6 mm (1/4") ID	9 mm (3/8") ID	19 mm (3/4") ID
Liquid temperature	-20°C to 80°C (-4°F to 176°F)	-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 (68°F)	20 Bar (290 PSI)	15 Bar (217 PSI)	10 Bar (145 PSI)
Viscosity	0.8 - 10 cP	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)	2,000 P/L (7,500 P/G)
Power Supply	5 - 24 Vdc	5 - 24 Vdc	5 - 24 Vdc
Output signal	5 - 24 V SQW	5 - 24 V SQW	5 - 24 V SQW
Power consumption	34 mA at 5 V	34 mA at 5 V	34 mA at 5 V
Default cable	PVC 1 meter (39.37")	PVC 1 meter (39.37")	PVC 1 meter (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

- Floating version to easily fit your tubing sizes
- Infrared (IR) turbine rotor reflection results in accurate and repeatable flow measurements
- High chemical resistance
- High resolution square wave output
- Tubes can be sterilized up to 150°C (302 °F)

Saint-Gobain Life Sciences Global Manufacturing Facilities



Uncontrolled Document - for the controlled version of this document please visit www.sensors.saint-gobain.com

Contact us today at sales.sensors@saint-gobain.com for:
Consultations • Samples • Quotes • Orders • Technical Service



Saint-Gobain Life Sciences
Equlflow BV

Voorschakelstraat 8,
5349CC Oss,
The Netherlands

www.sensors.saint-gobain.com

IMPORTANT: It is the user's responsibility to ensure the suitability and safety of Saint-Gobain Life Sciences products for all intended uses and that the materials to be used comply with all applicable medical regulatory requirements. Saint-Gobain Life Sciences assumes no responsibility for any product failures that occur due to misuse of the materials it provides arising out of the design, fabrication or application of the products into which the materials are incorporated.

WARRANTY: For a period of 12 months from the date of first sale, Saint-Gobain Life Sciences warrants this product to be free of defects in materials and workmanship. Our only obligation will be to replace any portion proving defective, or at our option, to refund the purchase price thereof.

SAINT-GOBAIN LIFE SCIENCES DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.