CM2W
CONNECT MACHINES TO WEB

Option 1: Low-flow PVDF flow meter with PVC fitting



Option 2: Low-flow PVDF flow meter with barbed connector



LOW-FLOW TURBINE FLOW METER

For reliable real-time measurement of low flow rates

Product Overview

The **low-flow PVDF flow meter** is built for highly sensitive measurement of very small volumes. With a flow range of **0.015–0.9 L/min** and up to 11,500 pulses per liter, it provides excellent resolution and precision. Designed for chemically aggressive, non-chlorine-containing liquids, its PP/PVDF housing with FKM seals offers strong corrosion resistance in demanding applications.



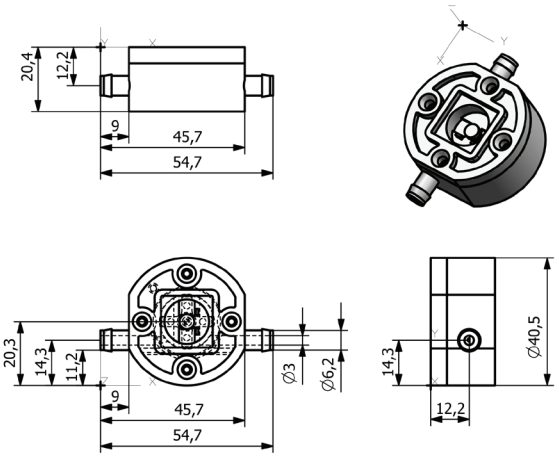
Key Benefits

- Proof of delivery and dosing accuracy at very low volumes
- Suitable for aggressive, non-chlorine-containing liquids
- High sensitivity for very low flow rates
- High chemical resistance due to PVDF construction
- Compact and lightweight design for easy integration
- Real-time monitoring and remote control via CM2W IoT platform
- Proactive alerts for deviations in flow rate (high / low / no flow)

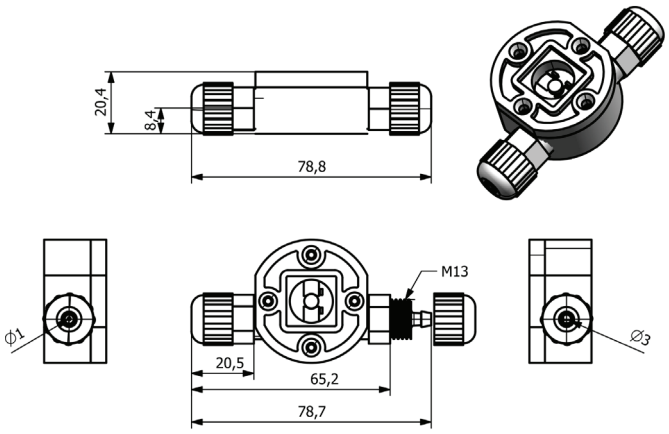
Technical Specifications

Technical specifications	Description
Dimensions	79 x 40 x 21 mm (3.11" x 1.57" x 0.83")
Weight	60 g
Power supply	5-24V DC
Connectivity	Electrical
Materials	PVDF / FKM
Measuring principle	Paddle wheel
Flow range	0.015 – 0.9 L/min (H_2O, 20°C)
Nozzle diameter	1.0 mm (integrated)
Pulse rate	Approx. 11,500 pulses per liter (H_2O at 20°C)
Acceptable viscosity (v)	0.5 – 20 mPas
Operating pressure	-0.7 – 4 bar
Burst pressure	>15 bar (at 20°C)
Temperature range	-10°C to +90°C
Accuracy (v = 1 mPas)	± 2% (at the same operating conditions)
Connection types	• 1PVC fitting (DIN 4 / DIN 6) • Barbed connector (DIN 4 / DIN 6)

Low-flow PVDF flow meter with barbed connector



Low-flow PVDF flow meter with PVC fitting



Dimensions in mm





Product Codes

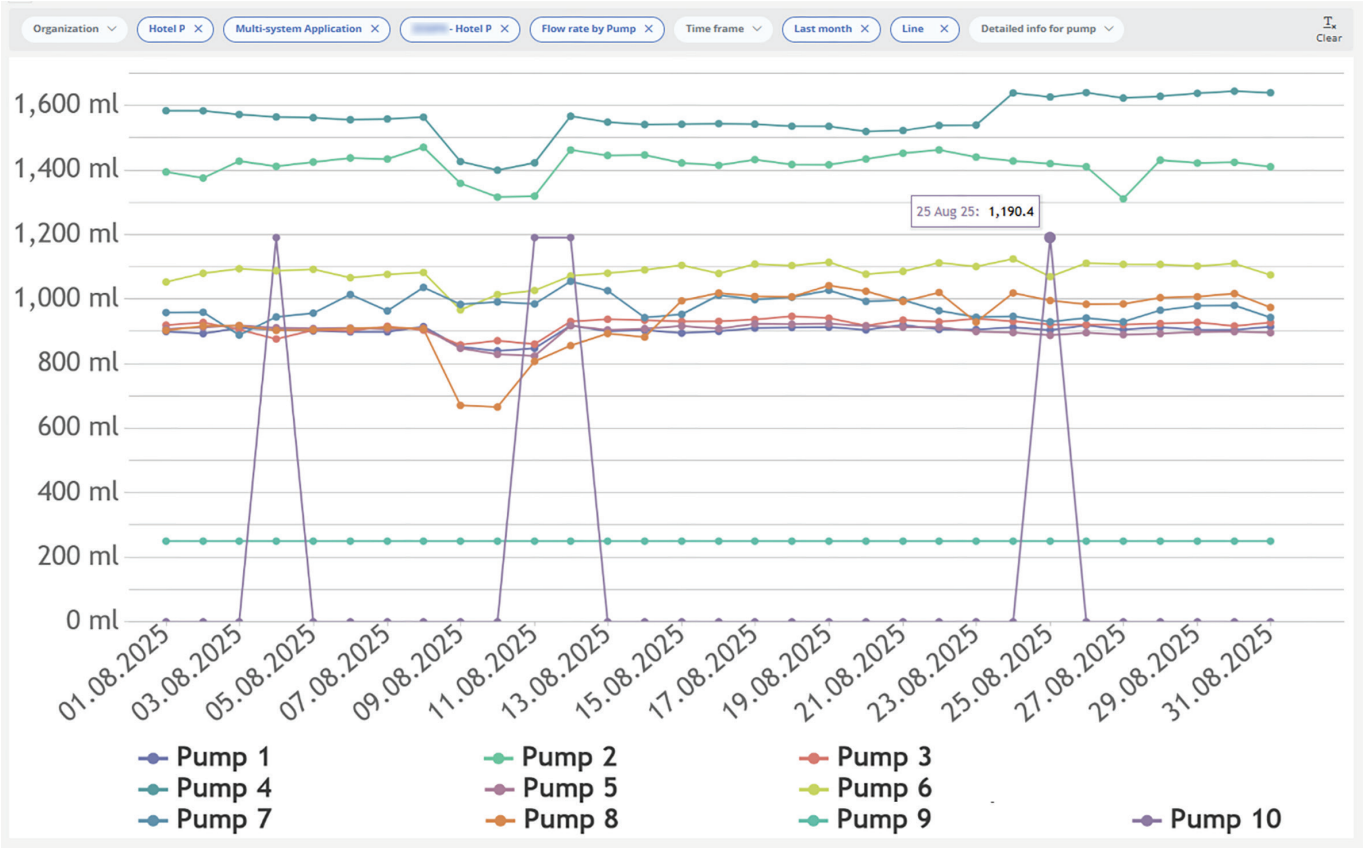
Component / Configuration	Product code
Low-flow PVDF flow meters	
PVC fitting (DIN 4 / DIN 6), 0.6 m cable (no connector)	FBC01JMMW60
PVC fitting (DIN 4 / DIN 6), 0.6 m cable (with DC male 3 pin connector)	FBC01JMMW60C
PVC fitting (DIN 4 / DIN 6), 2 m cable (no connector)	FBC01JMMW200
PVC fitting (DIN 4 / DIN 6), 2 m cable (with DC male 3 pin connector)	FBC01JMMW200C
Barbed connector (DIN 4 / DIN 6), 0.6 m cable (no connector)	FBC01FBW60
Barbed connector (DIN 4 / DIN 6), 0.6 m cable (with DC male 3 pin connector)	FBC01FBW60C
Barbed connector (DIN 4 / DIN 6), 2 m cable (no connector)	FBC01FBW200
Barbed connector (DIN 4 / DIN 6), 2 m cable (with DC male 3 pin connector)	FBC01FBW200C

Monitoring via the CM2W IoT platform

Real-time monitoring and visual reports of flow rate for timely actions and optimized results.

Flow rate by pump

Graphical view of flow rate changes by pump over a selected time period.



Flow rate by washer extractor or tunnel

Graphical view of flow rate changes by washer extractor over a selected time period.

