CM2W
CONNECT MACHINES TO WEB

Option 1: Standard PVDF flow meter with 1/4” male thread



Option 2: Standard PVDF flow meter with barbed connector



STANDARD TURBINE FLOW METER

For reliable real-time measurement of low flow rates

Product Overview

The **standard PVDF flow meter** is designed for precise monitoring of acids, alkalis, and other chemically aggressive fluids.
Its PVDF housing with FKM seals ensures excellent chemical resistance and durability. With a **flow range of 0.07–5.0 L/mi**n, compact dimensions, and lightweight construction, it integrates easily into dosing systems while delivering accurate and reliable measurement.



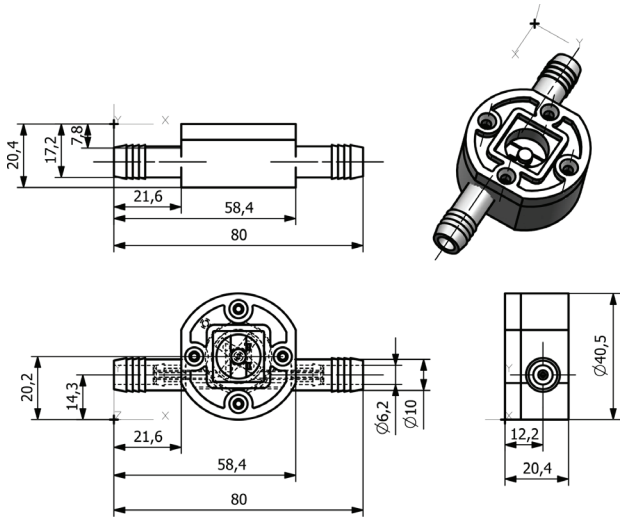
Key Benefits

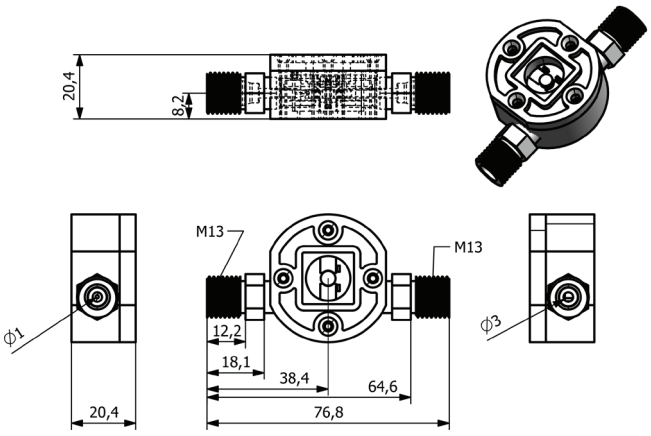
- Proof of delivery and high dosing accuracy
- High chemical resistance due to PVDF construction
- Compact and lightweight design for easy integration
- Accurate and repeatable measurements at low flow rates
- Real-time monitoring and remote control via CM2W IoT platform
- Proactive alerts for deviations in flow rate (high / low / no flow)

Technical Specifications

Technical specifications	Description
Dimensions	84 × 40 × 35 mm (3.31" × 1.57" × 1.38")
Weight	70 g
Voltage supply	5-24V DC
Connectivity	Electrical
Materials	PVDF / FKM
Measuring principle	Paddle wheel
Flow range	0.07 – 5 L/min (H_2O, 20°C)
Nozzle diameter	3.0 mm (integrated)
Pulse rate	Approx. 2,500 pulses per liter (H_2O at 20°C)
Acceptable viscosity (v)	0.2 – 20 mPas
Operating pressure	-0.7 – 4 bar
Burst pressure	>16 bar (at 22°C)
Temperature range	-20°C to +100°C
Accuracy (v = 1 mPas)	± 2% (at the same operating conditions)
Connection types	• 1/4" male thread • Barbed connector (DIN 10)

Standard PVDF flow meter with barbed connector	Standard PVDF flow meter with 1/4" male thread





Dimensions in mm





Product Codes

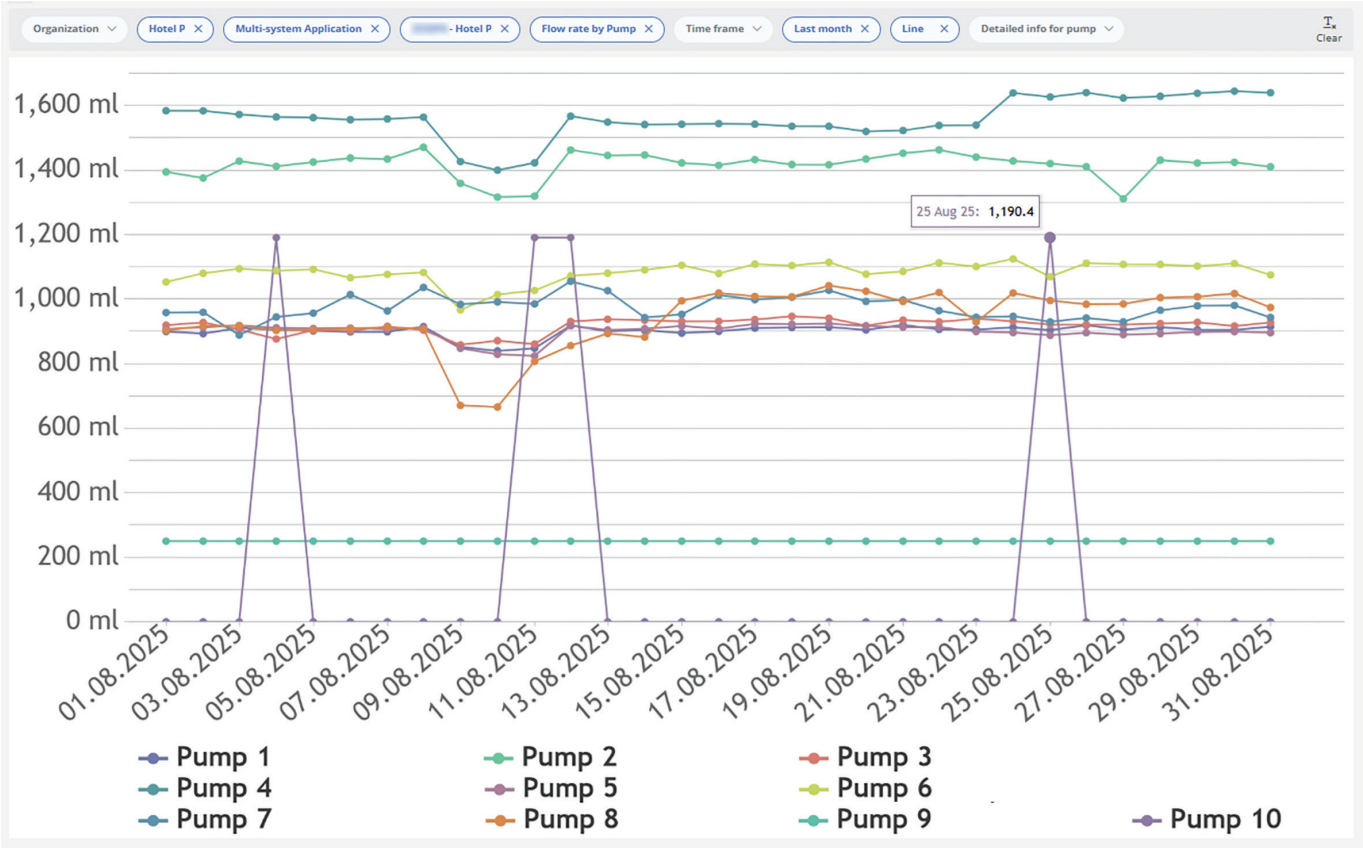
Component / Configuration	Product code
Standard PVDF flow meters	
1/4" male thread, 1.6 m cable (no connector)	DS02HMMC
1/4" male thread, 1.6 m cable (with DC male 3 pin connector)	DS02HEMMC
Barbed connector (DIN 10), 1.6 m cable (no connector)	DS02FMMC
Barbed connector (DIN 10), 1.6 m cable (with DC male 3 pin connector)	DS02EMMC

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.

