

Flow Verification Sensor



FCM Series

The FCM flow sensors provide low cost flow verification on the suction side of the E-Series pumps. Installation on the suction side insulates it from varying discharge parameters such as high or inconsistent pressures and moves it to a more reliable and repeatable location.

FCM-VC-7 Flow Sensor

PVC and FKM materials of construction for all VC pumps with 3/8" OD Tubing connections (sizes 11-21).

FCM-VH-7 Flow Sensor

PVC and EPDM materials of construction for all VE/VH pumps with 3/8" OD Tubing connections (sizes 11-21).

*GFRPP or PVDF versions are not currently available.



Easily mounted to the suction side of E-Series metering pumps, the FCM flow sensors use the moving liquid during the suction stroke to sense that the pump is metering chemical. With each suction stroke, liquid movement will raise a floating in-line magnet, allowing the FCM to validate flow, providing a pulse output for each verified flow pulse.

The FCM sensors can be used with a controller to totalize chemical and will sense when there is an air-lock condition (no output pulses). Flowrates down to 0.1mL/stroke can be accurately monitored. They operate with a 5-24VDC-power source, drawing a maximum of only 8mA. The output is an NPN open collector dry contact closure.

At a significant cost savings over the PosiFlow sensor and competitive products, flow verification can now be achieved economically!



ABOUT US

Walchem integrates its advanced sensing, instrumentation, fluid pumping and communications technologies to deliver reliable and innovative solutions to the global water treatment market. Our in-house engineering is driven by quality, technology and innovation. For more information on the entire Walchem product line, visit: www.walchem.com.

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