

# MICRO-FLOW VERIFICATION SENSOR

**FOR USE ON  
PUMP MODELS:  
A-100N & C-1100**



**FV-100-6V**

## Micro-Flow Sensor Applications:

Are you sure the pump is actually pumping?

Empty chemical tank, Clogged injection fitting, lost prime, and other problems can prevent a metering pump from actually injecting chemical - even though the pump is in good working order!

The **Micro-Flow model FV Flow Verification Sensor** can be connected directly to Blue-White model **A-100NV** and **C-1100V** metering pumps and verify that chemical injection has actually occurred. The pump's sophisticated electronics constantly monitor the sensor. If chemical should fail to inject, the pump will stop and an alarm relay will close allowing for remote alarm indication or initiation of a back-up injector pump.

## Micro-Flow Features:

- Installs directly on Blue-White metering pumps.
- Easy, three-wire connection made in the pump's junction box.
- No special connectors to buy.
- No calibration required.
- Detect a clogged injector.
- Detect an empty chemical supply tank.
- Detect a lost prime condition.
- Six flow ranges available.

## Micro-Flow Specifications:

Max. Working Pressure: ..... 150 psig (10.3 bar) @ 70° F (21° C)  
 Max. Fluid Temperature: ..... 200° F (93° C) @ 0 PSI  
 Body, Paddle, Axle material: .. PVDF  
 Connector material ..... 3/8" Tubing connectors: PVDF  
 O-ring seals: ..... Viton  
 Compression seal to pump:.... PVC  
 Approximate shipping wt..... 1 lb. (.45 kg)

See instruction manual at [www.blue-white.com](http://www.blue-white.com) for detailed installation and operating requirements.

## ORDERING INFORMATION

Operating Flow Range			Models with PVC Lens Cap	Models with PVDF Lens Cap
GPD	OZ/MIN	ML/MIN	Model Number	Model Number
11.4 to 114	1 to 10	30 to 300	FV-100-6V	FV-101-6V
38.0 to 380	3.5 to 35	100 to 1000	FV-200-6V	FV-201-6V
76.0 to 760	7 to 70	200 to 2000	FV-300-6V	FV-301-6V
114 to 1140	10 to 100	300 to 3000	FV-400-6V	FV-401-6V
190 to 1900	17 to 170	500 to 5000	FV-500-6V	FV-501-6V
266 to 2660	24 to 240	700 to 7000	FV-600-6V	FV-601-6V

## Installation Examples



**Model FV-200-6V  
mounted on Model C-1100V**



**Model FV-100-6V  
mounted on Model A-100NV**