

Stranrol® Feed Verification Controller (FVC)

Product Sheet

SIEMENS

Description

Stranrol® FVC Stand Alone System

Siemens' Stranrol® Feed Verification Controller (FVC) provides accurate and reliable dosing measurement for a wide selection of metering pumps. The Stranrol® FVC controls and verifies the liquid chemical feed rate of actual chemical dispensed. A proportional feedback signal changes either the stroke rate of the pump or the 4-20mA output compensating for changes in pump output.

The Stranrol® FVC is configured with a 4-20mA flow verification output for remote display or data logging. In addition, the user can use a remote 4-20mA signal to change the ml/min setpoint. The Stranrol® FVC provides an alarm contact output along with a visual LED to alert of any chemical feed problems.

The electronics are enclosed in a NEMA 4X enclosure and the system is pre-assembled on a PVC backplate for easy installation and operation.



Stranrol® FVC with PLC Option

The Stranrol® FVC with optional PLC control expands capabilities and functions. The PLC option allows up to four (4) FVC inputs, up to four (4) FVC remote setpoint outputs, and up to four (4) flow recorder outputs.

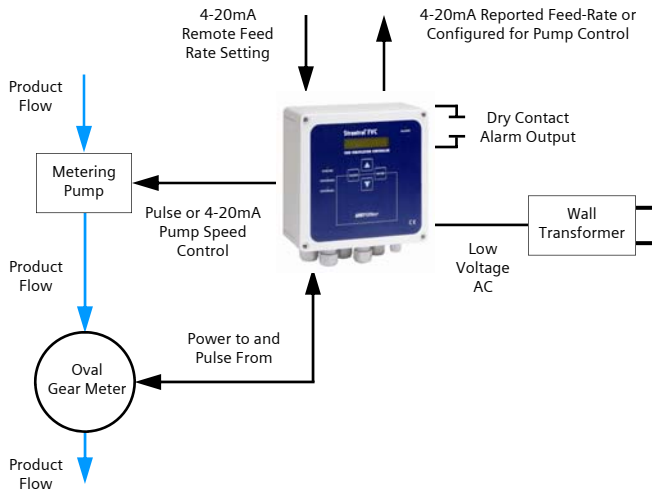
The PLC option allows the user to control chemical feed based on blowdown or make-up rate. Other features of the PLC option include water totalizing, chemical inventory, data logging, and inventory control.

The Stranrol® FVC with PLC option comes in a NEMA 4X enclosure with a touch screen. The system is pre-assembled and wired for simple installation and operation.

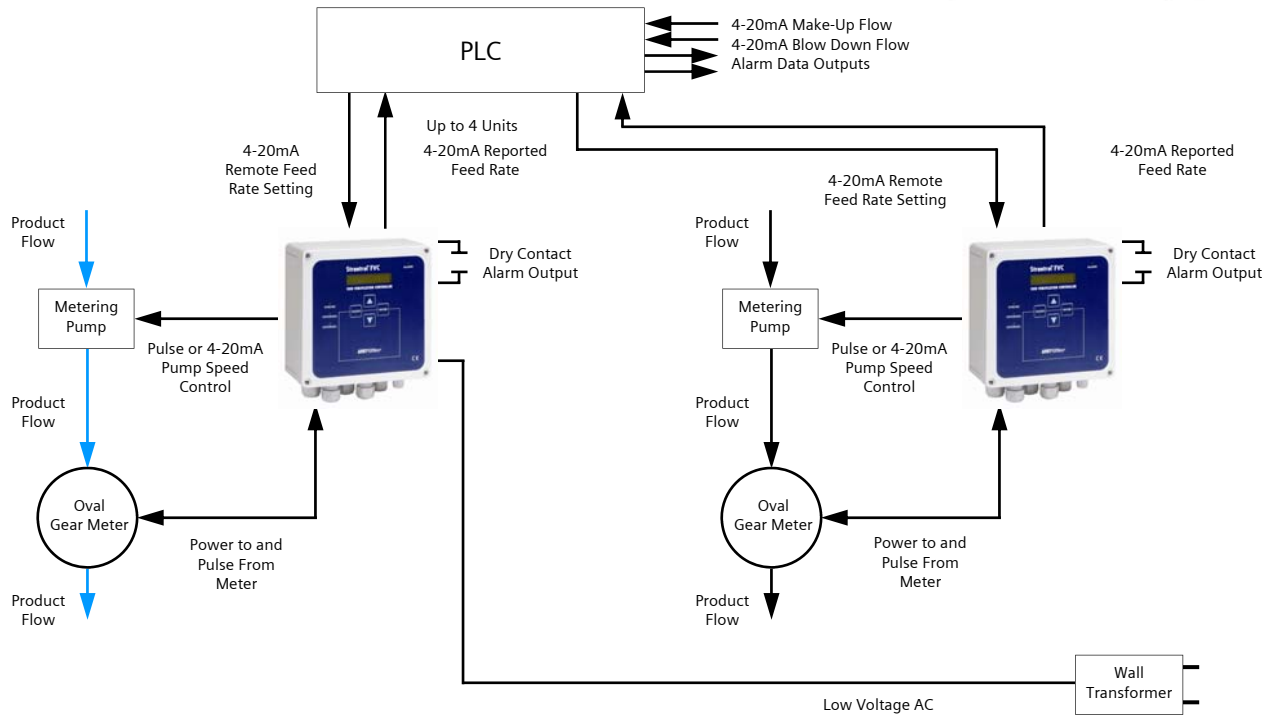
Benefits of Stranrol® Feed Verification Controllers Include:

- Provides Accurate Flow Measurement & Control Based on Actual Volume
- Controls Pulse or 4-20mA Input Pumps and is Pre-Assembled for Easy Installation
- Optional PLC Based Control for Multiple Pumps
- Optional PVDF Construction Available for Special Applications

Strantr® FVC Stand Alone System



Strantr® FVC with PLC Option



Oval Gear Meter Flow Ranges

		Type .1 FVC 1.6	Type 1 FVC 16	Type 2 FVC 32	Type 4 FVC 63	Type 10 FVC 160	Type 20 FVC 320
GPH minimum	Non-Pulsing or Pulsing Pumps	.079	1.58	3.17	6.34	15.85	31.7
GPH maximum	Non-Pulsing Pumps	1.58	15.85	31.70	63.40	158.5	317
	Pulsing Pumps	0.79	7.93	15.85	31.70	79.25	158.5

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