

FLOW SWITCH



PVC Flow Switch



Copper Flow Switch

Specifications

Switching Function Contact closes at increasing flow, opens at decreasing flow

Pressure Rating Maximum 145 psi*

Medium Temperature/Ambient Temperature

Maximum +212°F (+100°C)/

Maximum +158°F (+70°C)

Protection Class IP 65

Switching Current Maximum 1A

Switching Voltage Maximum 230VAC, 48VDC

Switching Capacity Maximum 26VA, 20W

Materials Of Construction

Body/Paddle System PPO Noryl GFN3

Adapter

PVC: Glue-in,

Copper: Brass, soldering

Gasket EPDM

Magnet Hard Ferrite

Cable PVC

Agency Listings

- cETLus Component Recognized
- UL 508
- UL 353
- CSA C22.2#14-05
- Water Regulations Advisory Scheme

* Values for flow switch, observe maximum values of PVC slip fit tee or maximum values of copper pipe.

Stenner offers a dry contact flow switch compatible with the Econ FP pump for either a PVC tee or copper pipe installation

The flow switch for PVC or copper are both a two wire, paddle style with glass fiber reinforced plastic construction. The design uses a magnetic force to reset the paddle so spring fatigue is eliminated. A separate wiring harness is supplied with the Econ FP pump for an easy connection to the dry contact flow switch.

The flow switch for PVC includes a glue-in adapter for easy mounting to a standard PVC slip fit tee. The flow switch for copper has an adapter for soldering to copper pipe. The nominal activation points are based on installation into a Spears 3/4" or 1" schedule 80 PVC tee or an industry standard, smooth 3/4" or 1" copper pipe. The activation points are 1.2 gallons per minute for 3/4" and 1.9 gallons per minute for the 1" flow switch.

In residential or light commercial applications, water treatment professionals can use a metering pump activated by a flow switch for disinfection, oxidation or pH adjustment. Stenner's compact Econ FP peristaltic metering pump is designed to interface with a two wire flow switch that accepts a dry contact.

ITEM NUMBER	UM	DESCRIPTION
EC500	EA	Flow Switch 3/4" for PVC pipe
EC501	EA	Flow Switch 1" for PVC pipe
EC50C	EA	Flow Switch 3/4" for copper pipe
EC51C	EA	Flow Switch 1" for copper pipe