

# CLARK

## Series 2600 PVC Flow Switches

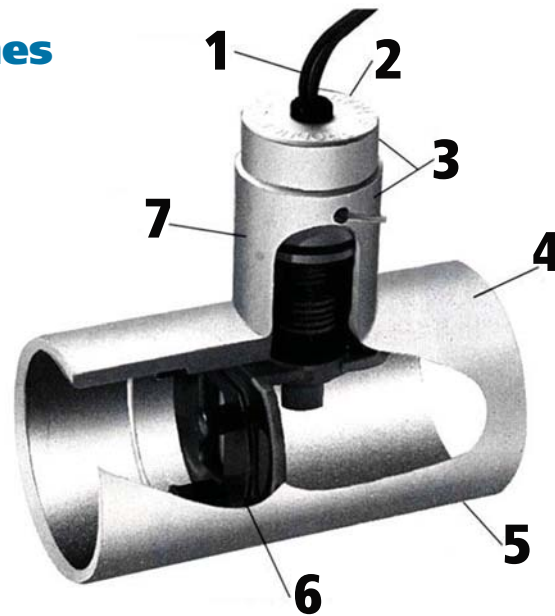
### 2" Pipe Size

#### DESCRIPTION

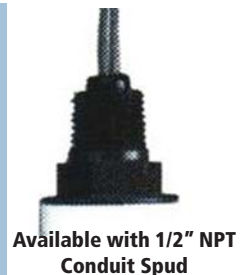
Series 2600 flow switches are manufactured to exacting standards and provide accurate flow detection for most applications. Product inspection involves calibrated tools and gages traceable to National Bureau of Standards.

Switch function involves magnet equipped PVC shuttle that is displaced at the proper calibrated flow of liquid to actuate the hermetically sealed reed switch.

The flow switches are broadly used as OEM components, in water & waste facilities, irrigation, HVAC equipment and any process where the materials of construction and function are suitable.



1. UL recognized
2. Serialization, documentation, retained on purchased materials, processes, inspection etc.
3. Removable bonnet assembly, replacement parts available.
4. Only virgin materials used and no color concentrate added during molding
5. Periodic destructive testing verifies burst strength ratings
6. Patented stainless steel clapper opens as flow increases. It enables low setpoint values and lowers pressure drop.
7. Accelerated life tested in a variety of fluids



#### SPECIFICATIONS

##### Wetted Materials

**End Connections:** 2" Slip

**Housing Material:** PVC

**Piston Material:** PVC

**Magnet:** Ceramic Ring Magnet

**Clapper:** 316 SS

**Spring:** 316 SS

**O-Ring:** Viton "A"

**Wiring:** 18 AWG Polymeric 24" Long; with or without 1/2" NPT conduit connection spud (see model table)

**Reed Switch:** 20 VA SPST, N.O.; SPST, N.O. & SPDT are available options, call us

**Operating Temp., No 1/2" NPT Conduit Spud:** -20 to 140°F

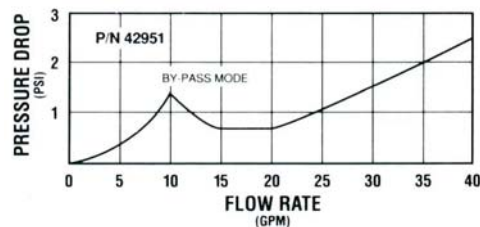
**Operating Temp., With 1/2" NPT Conduit Spud:** -20 to 122°F (due to different bonnet assembly)

**Operating Pressure:** 150 PSI

**Set Point Accuracy:** ±20% Max

**Set Point Difference:** ±20% Max

#### TYPICAL PRESSURE DROP VS FLOW



#### ORDERING INFORMATION

| Model      | Flow Setting | 1/2" NPT Conduit Spud | PVC Adapter Fittings |                        |
|------------|--------------|-----------------------|----------------------|------------------------|
|            |              |                       | Model                | Description            |
| 2600-42951 | 0.5 GPM      | No                    | 2600-42954           | 2" Slip to 1 1/2" Slip |
| 2600-42952 | 1.0 GPM      | No                    | 2600-42955           | 2" Slip to 1 1/4" Slip |
| 2600-42953 | 2.0 GPM      | No                    | 2600-42956           | 2" Slip to 1" Slip     |
| 2600-42969 | 0.5 GPM      | Yes                   | 2600-42957           | 2" Slip to 3/4" Slip   |
| 2600-42970 | 1.0 GPM      | Yes                   | 2600-42958           | 2" Slip to 1/2" Slip   |
| 2600-42971 | 2.0 GPM      | Yes                   | 2600-42959           | 2" Slip to 1 1/2" NPT  |
|            |              |                       | 2600-42960           | 2" Slip to 1 1/4" NPT  |
|            |              |                       | 2600-42961           | 2" Slip to 1" NPT      |
|            |              |                       | 2600-42962           | 2" Slip to 3/4" NPT    |
|            |              |                       | 2600-42963           | 2" Slip to 1/2" NPT    |

##### Notes:

-Standard flow calibration is in water@70°F.  
Calibrated on increasing flow with lead wires up.

-Use only plastic junction box & flexible conduit if using the 1/2" NPT conduit spud.

#### DIMENSIONS

