## DESCRIPTION

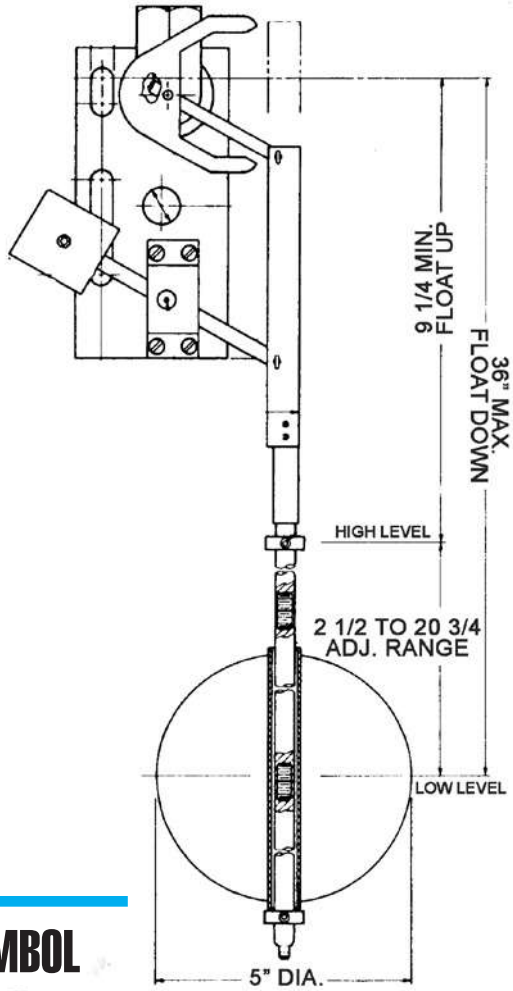
MODEL 813 MODULATING PILOT

- Two port, rotary disc design
- Simple level adjustment
- Counterweighted linkage allows for additional float rods
- Can be valve-mounted or remote-mounted
- Provides air gap to prevent cross connection

The Model 813 Float Pilot is two-way, rotary-disc design suitable for both modulating and on-off service. In modulating service, the 813 can be configured for either flow into the tank (rising float closes main valve) or out of the tank (rising float opens main valve). In either, the valve maintains a constant level. Positive shut-off of the main valve is accomplished if the level raises the float to its highest position. The float position of the 813 is easily adjustable by means of upper and lower float stops on the vertical rod(s).

The 813 pilot operates the main valve directly on OCV Series 8102 and 8112 Float Valves, and operates main valve through the1356 Differential Pilot on OCV Series 8105 and 8115 Float Valves.

## MODEL 813 MATRIX




| MATERIAL | PART NUMBER | PORT SIZE (NPT) |
|---|---|---|
| Bronze, Buna-N | 230114 | 3/8 |
| Stn. Steel, Buna-N | 230714 | 3/8 |

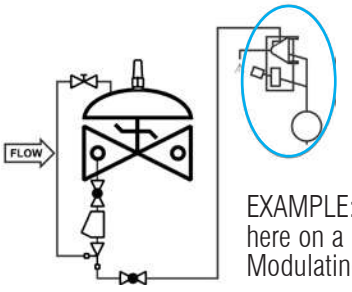
## INSTALLATION

The 813 is easily installed in the tank, above the high liquid level, using its convenient mounting bracket. The 3/8" NPT inlet port is then connected to the main valve with customer-supplied piping. Minimum recommended size for this line is 1/2" OD tubing or 3/8" pipe. The 3/8" exhaust port may be left open to flow into the tank, or, in the case of flammable liquids, piped back to the discharge of the main valve. The float can then be installed at the desired liquid level, using the two stop collars on the float rod.

## MATERIALS

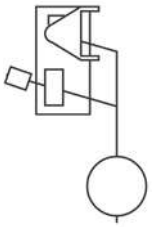
- Body, disc, arbor: Type 303 Stainless Steel
- Bonnet: B61 Bronze (standard), CF8-M Stainless Steel (optional)
- Float: Type 304 Stainless Steel, 5" diameter
- Body gasket: Buna-N standard, Viton®, EPDM optional
- Bracket & linkage: Type 304 Stainless Steel

## SCHEMATIC SYMBOL




EXAMPLE: Shown here on a MODEL 8102 Modulating Float Valve.

The Model 813 is shown on OCV Valve Schematics as:



Modulating Float Pilot 813

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