

## Modulating, 2-way float actuated pilot-valve

The 70-400 is a 2 way, float pilot-valve that is designed for the control of the constant level control valves. The float pilot-valve will vent or pressurize the control chamber of the main valve to open or to close, in direct proportion to the level changes. It proportionally modulates open or throttle closed the main valve, maintaining constant water level, regardless of fluctuating demand.



### Features

- No overflow - drip tight closure
- Can be used with any hydraulic control valve of any size
- "Soft" closure (regulating)
- Inlet flow equalize to the demand flow (constant level)
- External simple installation, easy maintenance
- Drip tight shut-off
- Accurate and easy to adjust
- Simple design

### Typical applications

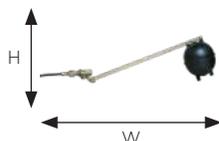
- Level control - modulating float pilot-valve - FL

### Technical data

General		
Pressure rating	16 bar / 230 psi **	
Fluid temperature	80°C max. / 175°F max.	
Materials	Standard	Optional*
Pilot Body	Brass	SST
Internal parts	SST	
Float	PP	SST
Floar rod	Brass	SST
Port Connections	BSP (male) 1/2"	

\* other materials available upon demand

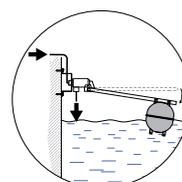
\*\* optional 25 bar / 360 psi (for SST pilot body material)



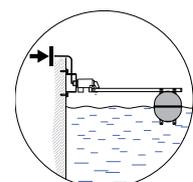
### Installation

#### Main components

#	Description
1	Self flushing filter
2	Cock valve
3	Needle valve / restrictor
4	70-400 Float pilot valve



Low level



High level

Modulating Float Pilot-Valve

