

Differential, 3-way horizontal float actuated pilot-valve

The 70-610 is a 3-way, float pilot-valve that is designed for the level control valves. The float positions the pilot control to open when it reaches a preset low level, and to close drip tight when it reaches a preset high level. The difference between the low and high level can be adjusted.



Features

- No overflow - drip tight close
- On-Off Non-modulating action
- Can be used with any hydraulic control valve of any size
- The maximum/minimum tank level is adjustable
- Can be used with external/supplementary pressure source
- Highly reliable operation
- Simple installation, easy maintenance
- Accurate and easy to adjust
- Simple design

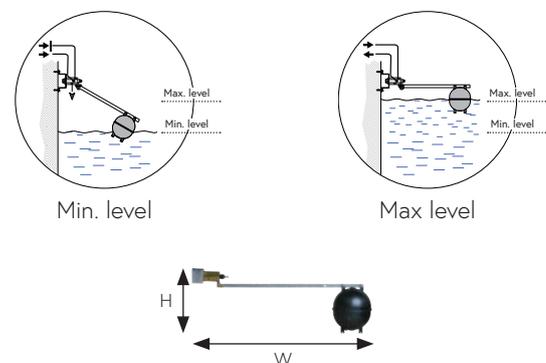
Typical applications

- Level control - Differential control by horizontal float-pilot valve - FLDI2

Technical data

General		
Pressure rating	25 bar / 360 psi	
Fluid temperature	80°C max. / 175°F max.	
Min. level differential	0.15 meter / 0.49 ft	
Max. level differential	0.6 meter / 1.96 ft	
Materials	Standard	Optional*
Pilot Body	Brass	SST
Internal parts	SST/Brass	SST
Float	PP	SST
Float rod	SST	
Port Connections		
2, 3, 4	NPT 1/4"	

* other materials available upon demand



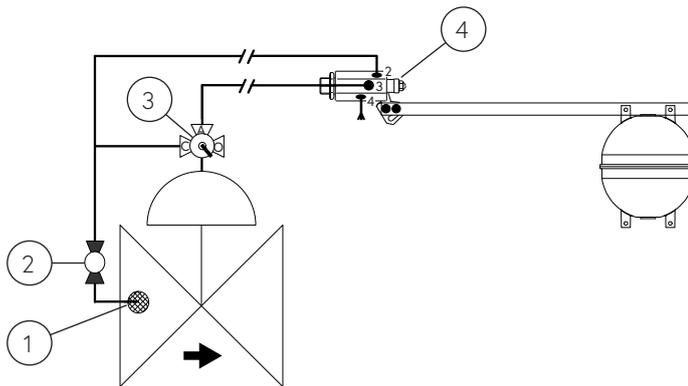
Installation

Main components

#	Description
1	Self flushing filter
2	Isolation ball valve
3	3-way Manual selector valve
4	70-610 Float pilot valve

Connections

Port	
2	Upstream
3	Valve control chamber
4	Vent



FLDI2

Sample drawing. Consult Dorot for the assembly design to fit your needs.

Catalogue numbers

Description	Catalogue number
Bracket	0026570610
Pilot kit	6617061002
Rod	4424170600
Float kit	6653070000

Spare parts

