

3-WAY HYDRAULIC RELAY VALVE (3W-HRV)

Model 54-P-Galit

This Plastic 3-Way, single chamber accelerator is a hydraulically operated, diaphragm actuated pilot valve that in response to pressure applied to its control chamber, directs flow and pressure between its ports:

■ When pressure is applied to its control chamber, it connects port "3" to "4".

■ When pressure is released from its control chamber, it connects port "2" to "4".

The Galit can be used to either relay and accelerate a signal . (N. O.), or to reverse and accelerate a signal . (N. . C.). Its also features Manual Override.



Technical Data

Pressure rating: 10 bar

Minimum operating pressure: 0.5 bar

Maximum temperature: Water up to 50°C

Orifice: 5.8 mm

Ports: 1/8" BSP Female thread

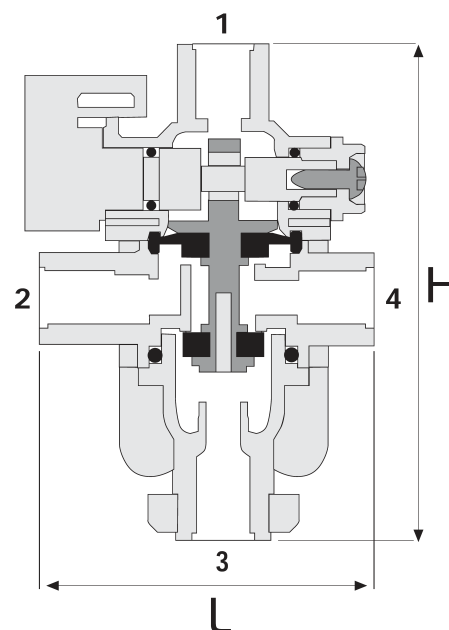
Standard materials:

Cover: Reinforced Plastic

Body: Reinforced Plastic

Elastomers: NBR

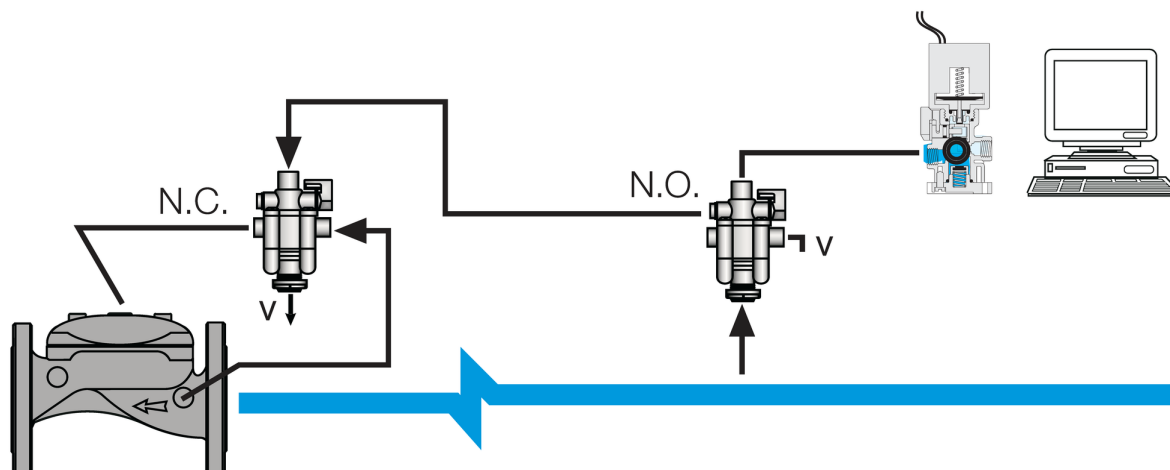
Internal Parts: Stainless Steel & Plastic



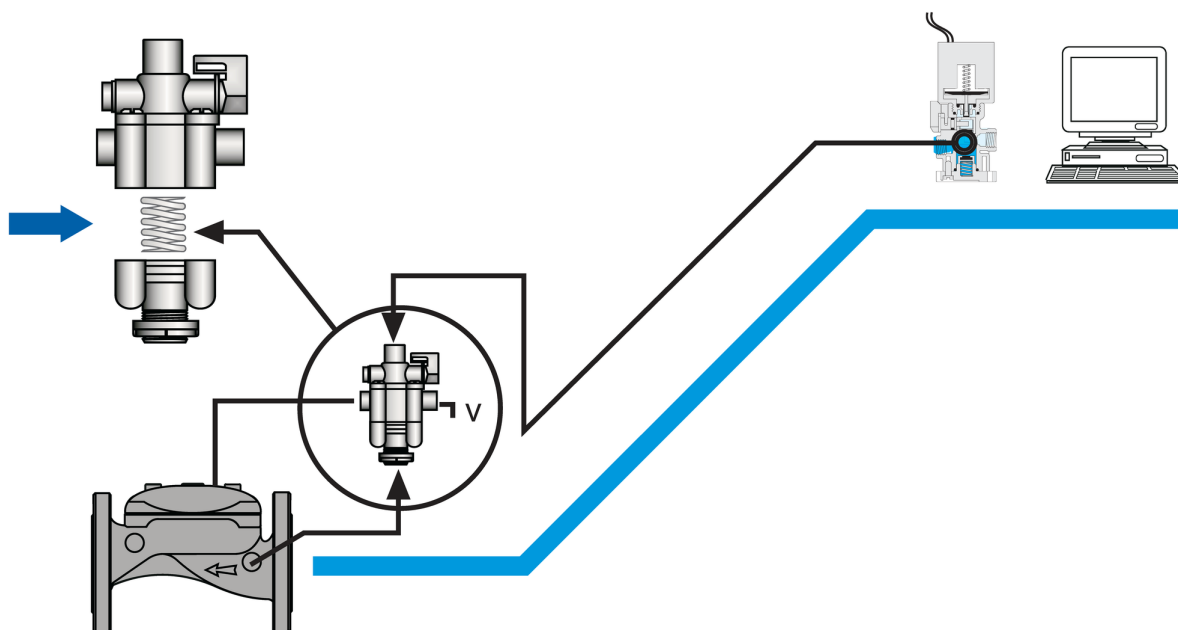
Connections:

Port	N.C.	N.O.
1	Command	Command
2	Vent	Upstream pressure
3	Upstream pressure	Vent
4	Control chamber	Control chamber

Remote or Weak Command Control Solutions



Downhill Control Solutions



Optional Anti-Topographic Springs:

Spring Color	Galit N.C.	Galit N.O.
Yellow	5-10 m	5-10 m
Green	10-14 m	10-15 m
White	14-17 m	15-20 m
Red	17-22 m	20-25 m

*Data refers to elevation differential along the control tube