

# 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:**  $\frac{1}{8}$ " BSP Female thread

### Standard materials:

**Cover:** Reinforced Plastic

**Body:** Reinforced Plastic

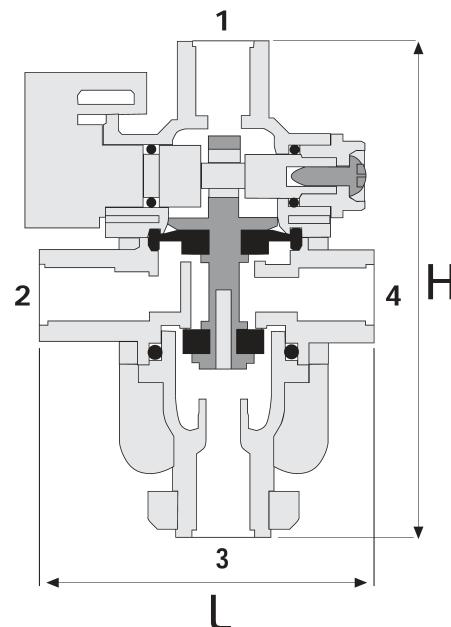
**Elastomers:** NBR

**Internal Parts:** Stainless Steel & Plastic

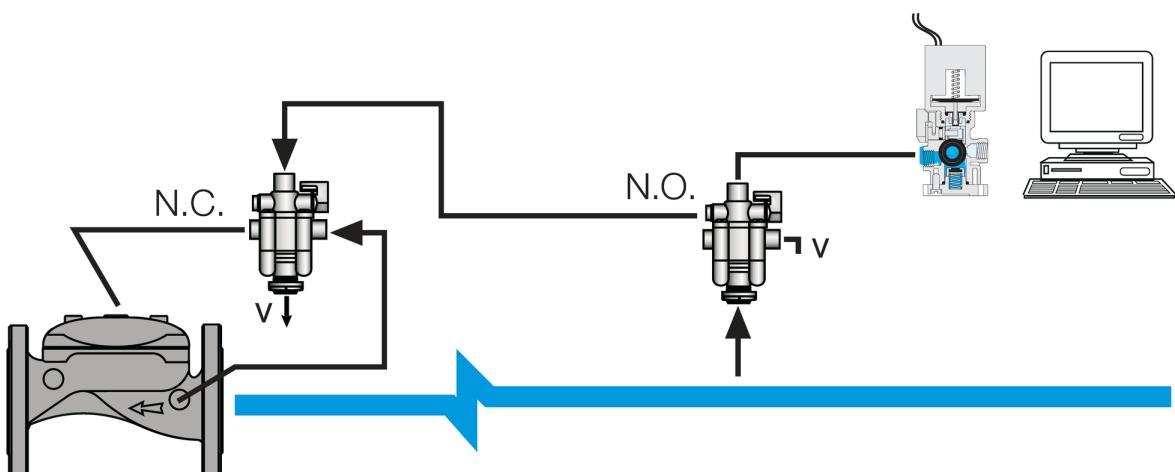
Size	mm
H	88
L	57

### Connections:

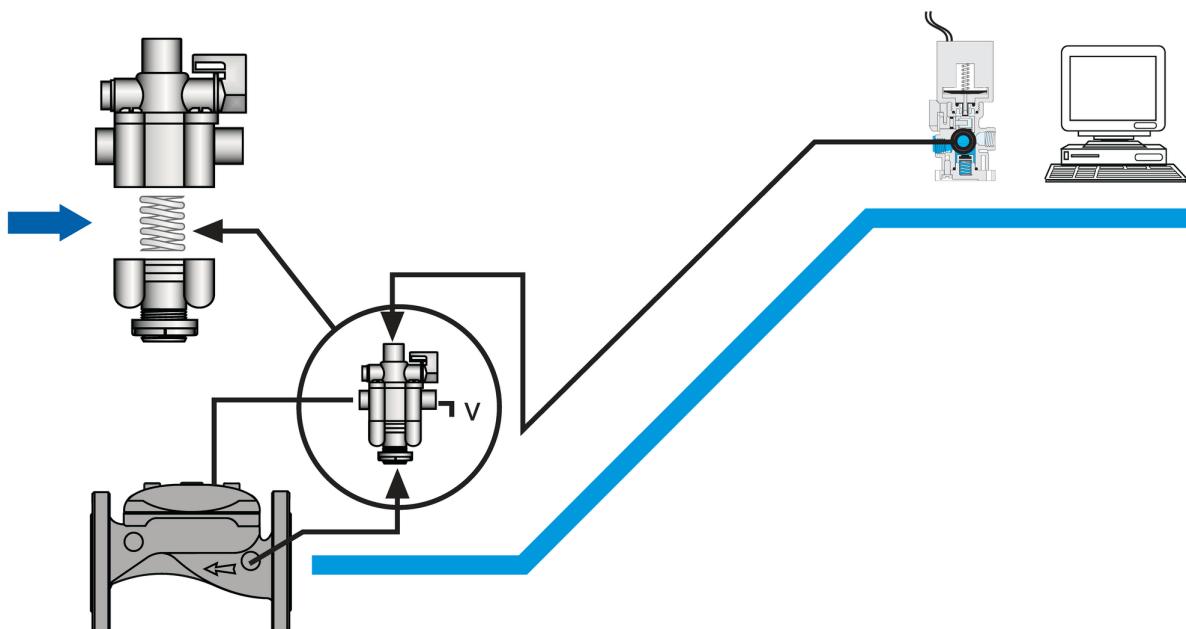
Port	N.C.	N.O.
1	Command	Command
2	Vent	Upstream pressure
3	Upstream pressure	Vent
4	Control chamber	Control chamber



## 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