



3-Way Hydraulic Relay Valve (3W-HRV)

Model 54-PZ, 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; 145 psi

Minimum operating pressure: 0.5 bar; 7 psi

Working temperature: Water up to 50°C; 122°F

Orifice: 5.8 mm; 1/4"

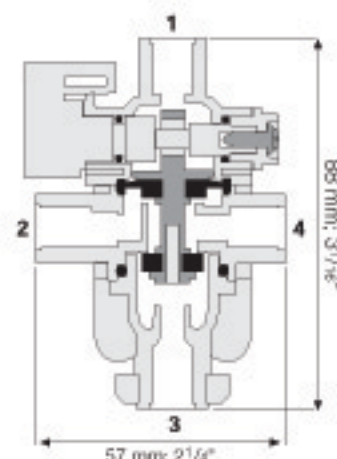
Ports: 1/8" BSP Female Thread

Standard materials:

Body & cover: Reinforced Plastic

Elastomers: NBR

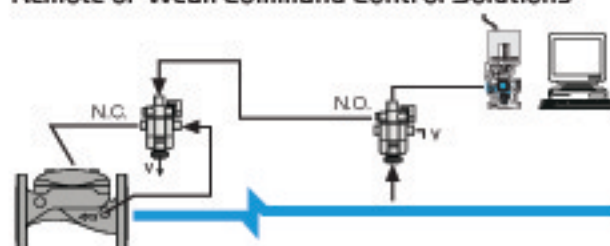
Internals: Stainless Steel & Plastic



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



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

Downhill Control Solutions

