

Accessories



General representation



Fire
Protection

Hydraulic/Pneumatic Relay Valve

Description

Diaphragm actuated, spring-loaded relay valve, applicable for service on deluge and pre-action valve trims. The relay will vent or pressurize the hydraulic valve's control chamber, in response to hydraulic or pneumatic pressure.

Certification & Compliance

UL Listed (when installed on OCV control valves)



Features & Benefits

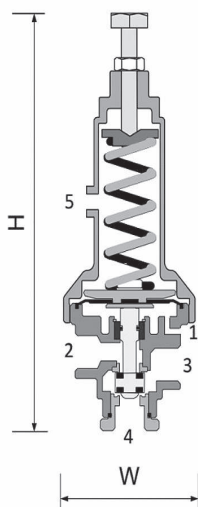
- Available in brass (standard) & stainless steel 316
- Pressure rating: PN25 / 375psi
- Can be used with any size hydraulic control valve
- Easy to adjust
- Simple design and maximum dependability
- Broad setting range



Pressurized Sensor Line / Command



De-pressurized Sensor Line / Command



Operation

General			
Pressure Rating	25 bar / 375psi		
Operating Pressure	0.4 -17 bar / 6-250psi		
Fluid Temperature	80°C max / 175°F max		
Weight	1.9 kg / 4.2 lbs		
Materials	Standard	Optional*	
Body & Bonnet	Brass	Stainless Steel	
Internal Parts	Stainless Steel, Brass	Stainless Steel	
Spring	Stainless Steel	Stainless Steel	
Elastomers	EPDM	NBR	
Dimensions			
H (Height) max	230 mm / 9"		
W (Width)	84 mm / 3 3/10"		
Port	Size	Connection	
1	1/4" NPT	Pressure Command	
2	1/2" NPT	Control Chamber	
3	1/2" NPT	Vent	
4	1/2" NPT	Plugged	
5	1/8" NPT	Plugged	
Spring Ranges	Color	psi	bar
42 (Standard)	Yellow	5-80	0.4-5.5
47	Green	10-130	0.6-9
50	Red	10-250	0.7-17

*Other materials available upon request. Minimum quantities may apply.