

68-710

Pressure Sustaining / Relief 2-Way Pilot Valve

A 2-Way, diaphragm actuated, spring-loaded, pressure sustaining/relief pilot valve, applicable for service on pressure sustaining/relief valve trims. It modulates to maintain a steady, pre-set pressure, upstream of the valve's location. As upstream pressure rises above the set value, the 68-710 opens to allow water flow between its 4 and 3 ports, relieving the water from the valve's control chamber and causing the valve to open. As upstream pressure falls below the set value, the 68-710 throttles, restricting the flow out of the valve's control chamber, limiting the valve's opening or causing it to close (if necessary).



*General representation

CERTIFICATION & COMPLIANCE

- UL Listed when installed on OCV Fluid Solutions models



FEATURES & BENEFITS

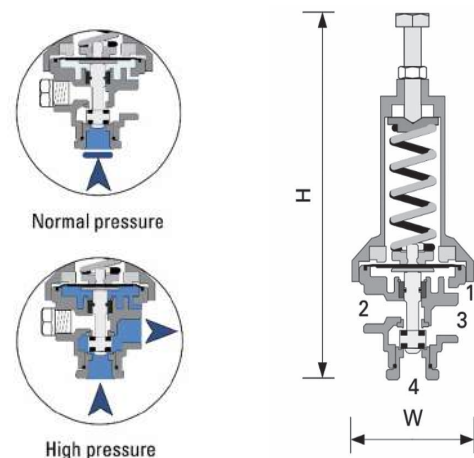
- Wide regulation range (can be set up to 33 bar/480psi)
- Large water passages allow high flow capacity and fast reaction
- Accurate and easy to adjust
- Simple design and maximal dependability

TECHNICAL DATA

GENERAL		
Pressure Rating	40 bar / 580psi	
Pressure Adjustment Range	0.5 -33 bar / 7-480psi	
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"	
PORT	SIZE	CONNECTION
1	1/4" NPT	Upstream
2	1/2" NPT	Plugged
3	1/2" NPT	Control
4	1/2" NPT	Vent

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

SPRING	COLOR	bar	psi
47 (Standard)	Green	0.7-20	10-300
42	Yellow	0.5-10	7-150
50	Red	1-33	15-480



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7400 East 42nd Place • Tulsa, Oklahoma 74145 • USA
 Phone: 1-918-627-1942 • Toll Free: 1-888-OCV-VALV (628-8258) • Email: sales@controlvalves.com