



Pressure Sustaining Pilot Valve, Metal

Model PC-30-M

This is a 2-way direct acting pilot valve, actuated by a pressure responsive diaphragm, which seeks to reach equilibrium between hydraulic and set spring forces. When used in a pressure relief/sustaining circuit, the pilot modulates open as upstream pressure rises above set point.

Features

- Differential pressure sensing
- Direct pressure gauge installation

Typical Applications

- Pressure Sustaining valves sizes 1½-6" (Standard model PC-30-M).
- Differential pressure sustaining Valves sizes 1½-6"
(Modified to differential sensing PC-30-M-D)

Technical Data

Pressure Rating: 16 bar; 232 psi
Working Temperature: Water up to 80°C; 180°F
Flow Factor: Kv 0.65 m³/h @ 1bar ΔP; Cv 0.75 GPM @ 1psi ΔP
Standard Materials:
Body & Cover: Brass
Elastomers: NBR
Internals: Stainless Steel & Brass
Spring: Galvanized Steel
Ports: ½" NPT

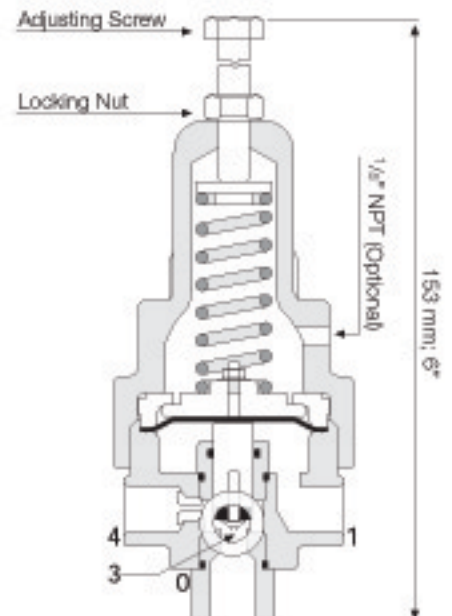
Adjustment Range

Spring	Pressure		
	bar	psi	
G-Blue	1-12	15-175	Standard
H-Orange	1-7	15-100	Optional
N-Natural	0.8-6.5	11-95	
K-Grey*	0.5-3	7-40	

* For PC-30-M-D-differential sensing.

Connections

- 0 - Downstream
- 1 - Sensing/pressure gauge
- 2 - Sensing/Pressure gauge
- 3 - Valve control chamber
- 4 - Upstream (through internal restriction)



Weight: 0.93 Kg; 2.05 lbs.