



Pressure Sustaining Pilot Valve, Plastic

Model PC-30-P

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

Typical Applications

- Pressure Sustaining valves sizes 1 1/2-4" (Standard model PC-30-P).
- Differential pressure sustaining Valves sizes 1 1/2-4" (Modified to differential sensing PC-30-P-D)

Technical Data

Pressure Rating: 10 bar; 145 psi

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

Flow Factor: Kv 0.29 m³/h @ 1bar ΔP; Cv 0.33 GPM @ 1psi ΔP

Standard Materials:

Body & Cover: Polyamide 6 + 30% F.G.

Elastomers: NBR

Internals: Stainless Steel & Brass

Spring: Galvanized Steel

Ports: 1/8" NPT

Adjustment Range

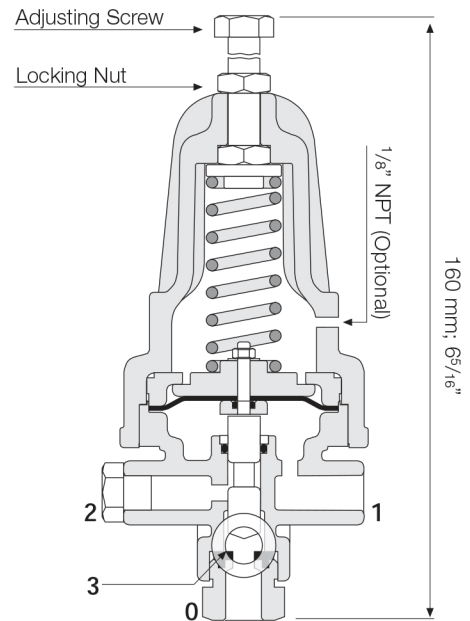
Spring	Pressure	
	bar	psi
H - Orange	1-7	15-100
N - Natural	0.8-6.5	11-95
K - Grey*	0.5-3	7-40

Standard
Optional

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

Connections

- 0 - Downstream
- 1 - Remote sensing
- 2 - Plugged
- 3 - Upstream (downstream from inlet restriction and from control chamber connection)



Weight: 0.24 Kg; 0.53 lbs.

