# **BERMAD** Irrigation



Mini-Pilots

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<sup>1</sup>/<sub>2</sub>-4" (Standard model PC-30-P).
- Differential pressure sustaining Valves sizes 1<sup>1</sup>/<sub>2</sub>-4" (Modified to differential sensing PC-30-P-D)



Pressure Rating: 10 bar; 145 psi

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

Flow Factor: Kv 0.29 m<sup>3</sup>/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

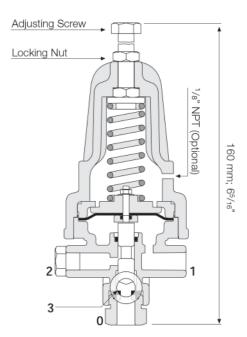
	Pressure	
Spring	bar	psi
H - Orange	1-7	15-100
N - Netural	0.8-6.5	11-95
K - Grey*	0.5-3	7-40

Standard
Optional

#### **Connections**

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





Weight: 0.24 Kg; 0.53 lbs.

<sup>\*</sup> For PC-30-P-D - differential sensing.