



### Quick Pressure Relief Pilot Valve, Plastic

**Model PC-3Q-P**

This pilot integrates all principal functions of a 2-Way control circuit in a single assembly. It is a direct acting pilot valve, actuated by a pressure responsive diaphragm, which seeks to reach equilibrium between hydraulic and set spring forces.

The pilot opens at upstream pressure rise above set point.

An integral restriction acts as an upstream flow restrictor smoothing valve closing and simplifying the control circuit.

#### Features

- Internal restriction

#### Application

Pressure relief valve quick type sizes 1 1/2-4"

#### Technical data

**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:** Polyamit 6 + 30% F.G.

**Elastomers:** NBR

**Internals:** Stainless Steel & Brass

**Spring:** Galvanized Steel.

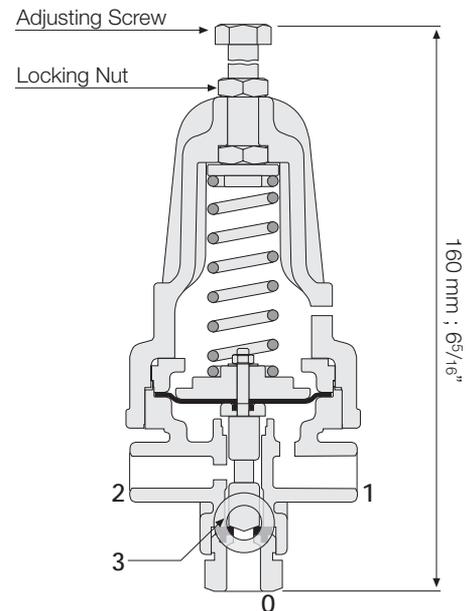
**Ports:** 1/8" NPT

#### Adjustment Range

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

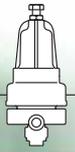
#### Connections

- 1 - Upstream
- 2 - Plugged
- 3 - Valve control chamber
- 0 - Downstream



Weight: 0.25 Kg; 0.55 lbs.





### Quick Pressure Relief Pilot Valve

**Model PC-3Q-M**

This pilot integrates all principal functions of a 2-Way control circuit in a single assembly. It is a direct acting pilots valve, actuated by a pressure responsive diaphragm, which seeks to reach equilibrium between hydraulic and set spring forces. The pilot opens at upstream pressure rise above set point. An integral restriction acts as an upstream flow restrictor smoothing valve closing and simplifying the control circuit.

#### Features

- Internal restriction
- Direct pressure gauge installation

#### Application

Pressure relief valve quick type sizes 1 1/2-4"

#### Technical data

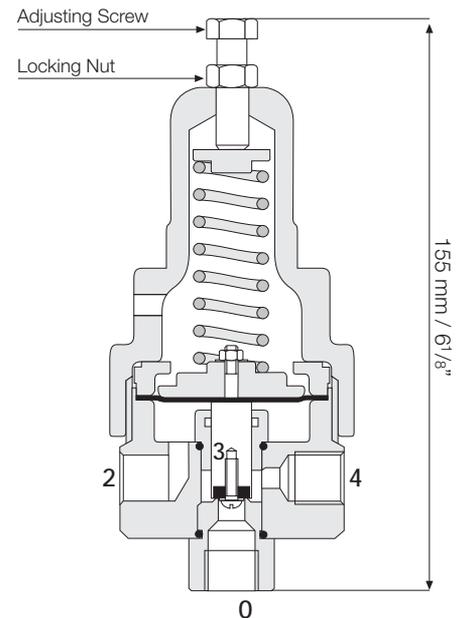
**Pressure Rating:** 16 bar; 232 psi  
**Working Temperature:** Water up to 80°C; 180°F  
**Flow Factor:** Kv 0.65 m³/h @ 1bar ΔP; Cv 0.75GPM @ 1psi ΔP  
**Standard Materials:**  
**Body & cover:** Brass  
**Elastomers:** NBR  
**Internals:** Stainless Steel & Brass  
**Spring:** Galvanized Steel.  
**Ports:** 1/4" NPT

#### Adjustment Range

Spring	Pressure		
	bar	psi	
G-Blue	1-12	15-175	Standard
N-Natural	0.8-6.5	11-95	Optional

#### Connections

- 1 - Upstream or pressure gauge
- 2 - Upstream or pressure gauge
- 3 - Valve control chamber (when 4 is plugged)
- 4 - Valve control chamber (when 3 is plugged)
- 0 - Downstream



Weight: 1.0 Kg; 2.2 lbs.

