

Quick Pressure Relief Pilot Valve

This pilot integrates all principal functions of a 2-Way control circuit in a single assembly.

It is a direct acting valve, actuated by a pressure responsive diaphragm, which tends to reach equilibrium with the set spring force.

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 (230 psi)

Working Temperature: Water up to 80°C (180°F)

Flow Factor: Kv 0.75 (Cv 0.88)

Standard Materials:

Body & cover: Brass

Elastomers: NBR

Internals: Stainless Steel & Brass

Spring: Galvanized Steel.

Optional Materials:

Metal Parts: Stainless Steel

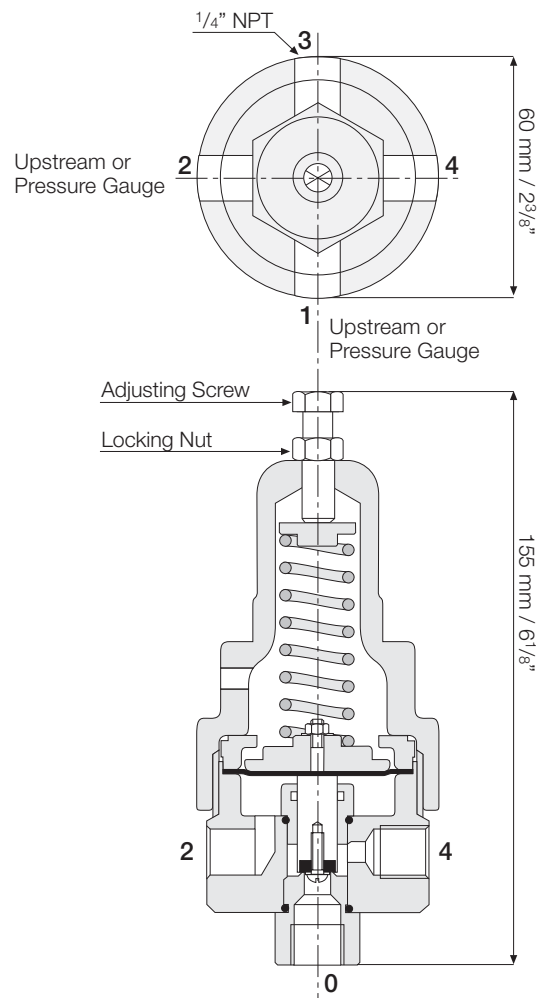
Elastomers: FPM (Viton®)

Adjustment Range

Spring	Pressure		
	bar	psi	
G	1-12	15-175	Standard
N	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.)