

# PVN447 Series Valves

The pressure protection valve is a non-adjustable closed pressure-control valve. When supply air is greater than 75 psi, the valve opens and supplies air downstream. When air supply falls below 70 psi, the valve closes. A typical application would be in an air brake system, to protect a reservoir by closing automatically at 70 psi when a reservoir system failure occurs.

## SPECIFICATIONS

<b>Material</b>	Black anodized aluminum, stainless spring	<b>Flow direction</b>	Arrow on valve body indicates direction of flow
<b>Mounting</b>	Direct mount or inline mount		Ports labeled "I = in"
<b>Medium</b>	Air		"O = out"
<b>Pressure</b>	200 psi max. supply	<b>Flow</b>	Cv = 1.0 (48 scfm fully open)
<b>Pressure to open</b>	75 psi	<b>Diaphragm</b>	Low-temp Buna
<b>Pressure to close</b>	70 psi	<b>Temperature</b>	-40°F to +180°F

An optional downstream check can be added when ordering by adding a "C" to the end of the part number.

