

# Model PC

## Pilot Valves

Arad Pilot Valves PC work together with BM/BMA series high pressure Hydrometers or with KBJ/KBJA series high pressure metering valves in automated environments requiring pressure regulation. These pilot valves are also compatible with valves and hydrometers from many other manufacturers.

These valves may be used in a variety of control applications. The pressure regulating model is available in normal pressure or low pressure configurations.

The pilot valve body is made of high quality reinforced plastic.

Calibration may be performed by means of an adjusting screw located on the top of the valve.



### Applications

The model PC pressure regulating pilot valve is used in pressure reducing and pressure sustaining applications. Two pressure regulating pilot valves may be combined together to form a two stage operation, combining both pressure reducing and pressure sustaining functions in order to prevent excess water flow during pipeline filling.

### Technical Specifications

<b>Maximum Working Pressure</b>	10 bar
<b>Maximum Working Temperature</b>	70°C
<b>Pressure regulation accuracy</b>	0.3 bar
<b>Body</b>	Plastic

### Sustaining/Reducing Pressures according to Pilot types

Unit Type	Pressures	
	BAR	psi
<b>Nominal size</b>		
<b>Blue</b>	0.3-1.4	5-20
<b>Green</b>	1-3	14.5-43.5
<b>Gray</b>	2-8	29-116

### Typical Pressure Regulating Environment

