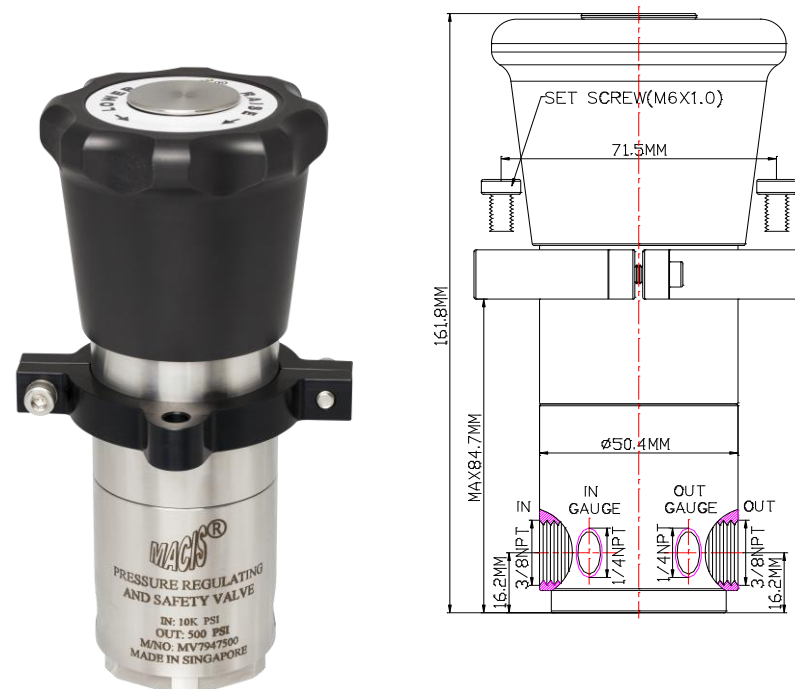
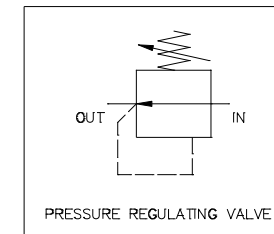


## PRESSURE REGULATING VALVE

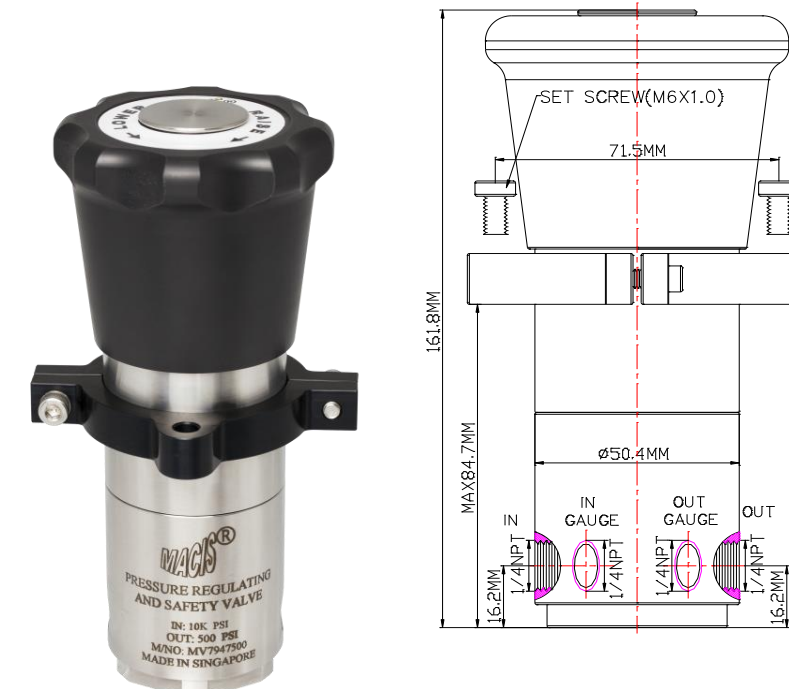
### Descriptions

MV794LP6K-1K-3/8 / (1/4)G-S is a 2-Position, Normally Open **without Self-Relieving** Pressure regulator. A pressure regulator is a **valve** that automatically cuts off the flow of a gas at a certain pressure. They are used to allow high-pressure fluid supply lines to be reduced to safe and/or usable pressures for various applications.

The pressure media enters the regulator through by IN port, turning the adjusting wheel **clockwise** will increase the spring exerted tension to **increase** the regulator **output pressure**, rotating the adjusting wheel **counterclockwise** will **decrease** the regulator **output pressure**, and this reduced output pressure will be maintained within a predetermined operating pressure range or limit.



Ordering Ref : MV 794LP6K-1K-3/8G-S



Ordering Ref : MV 794LP6K-1K-1/4G-S

### Specification

Control Application	2-Position, Normally Open Without Self - Relieving To precisely reduce a high upstream pressure and provide stable pressure for application
Net Weight	2.1 kg
Working Media	Air
Working Pressure	Max Inlet Pressure: Services up to 10,000psi (689.4bar), Optimum 6,000psi (413.7bar) Output Pressure Range: 0~1,000psil (0~68.9bar)
Temperature Range	- 30°C to 120°C <i>Other Temperature Ranges available. Consult Factory</i>
Material(Valve Body)	316L
Adjusting Wheel Material	Polyamide <i>Other Material available, Consult Factory</i>
Mounting Hole Size	Ø71.5mm (2 13/16")
Orifice Size	Ø2.8mm ( 7/64")
Flow Rate	Cv = 0.2
Seal Material	Viton(FKM) <i>Other Material are available, Consult Factory</i>

### Distinctions

Ordering Ref No : MV 794LP6K-1K-3/8G-S



Port Connection Size : IN & OUT Ports: 3/8"-18NPT F, Gauge: 1/4"-18NPT F

Ordering Ref No : MV 794LP6K-1K-1/4G-S



Port Connection Size : IN & OUT Ports: 1/4"-18NPT F, Gauge: 1/4"-18NPT F

\*\* Measurement stated are with tolerance of +/-10%. Optional Parts/Material are available upon request.

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