



Features

- High Control Accuracy
- Low Hysteresis
- Excellent Linearity
- Long Service Life
- Easy Integration
- Low Heat, No Thermal Drift
- Outstanding Repeatability
- Corrosion-Resistant

Applications

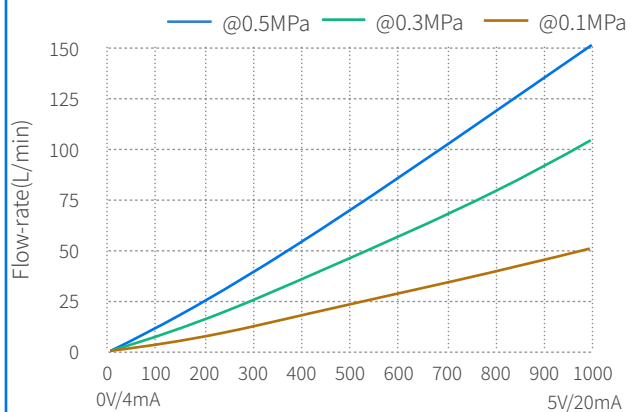
- Precision Flow Control
- Microfluidic Actuation
- Medical Devices
- Industrial Actuation

Million Cycles
Life Test

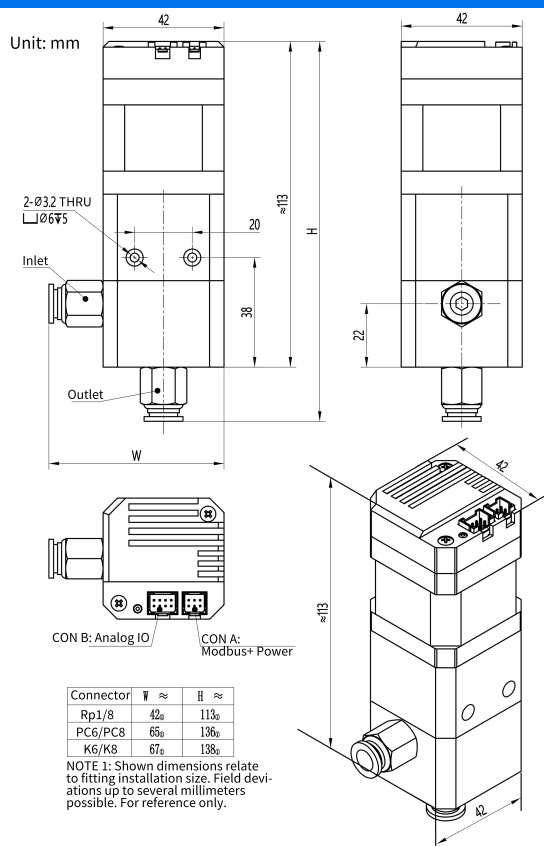
Specifications

Model	SCPV4060	
Max Flow@5Bar	150L/min	
Max Flow@1Bar	50L/min	
Control Resolution	1‰ F.S	
Linearity	<4% F.S	
Hysteresis	<1% F.S	
Repeatability	<1‰ F.S	
Max Working Pressure	0.5Mpa	
Full Stroke Time	0.6s	
Supply Voltage	24-48V DC	
Rated Power	10W	

SCPV4060 CONTROL SIGNAL-FLOW CURVE



SCPV4060 INSTALLATION DIMENSIONS



Accessories		
Name	Image	Description
Filter		80-mesh filter. Removes solid particles from gas to prevent abnormal wear. Replace periodically. Sold separately.
Wire Harness		PHB2.0 2x4P PHB2.0 2x3P 15cm One each, for connecting the valve to power and control. Included with valve; custom lengths available.
USB-to-485Module		Connects the valve via RS485 serial to a PC for valve control and tuning with host software.
Host Software		Dedicated Windows PC software for valve tuning and control.
Power Adapter		220V AC-to-24V DCDC switching power supply. Sold separately.



Empowering the future of fluid technology

Delivering value through high-quality fluid solutions

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