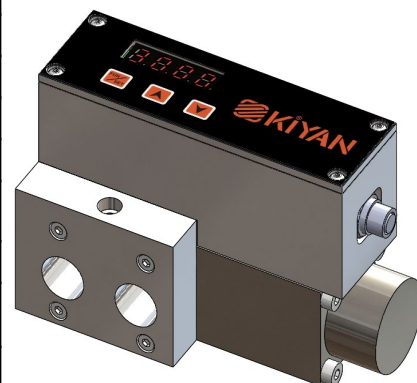


Specification

SPV

Item		SPV				
		V1	P2	P5	P10	P30
Max Inlet		-1BARG	4BARG	7BARG	12BARG	32BARG
		Maximum inlet pressure can be customized upon request				
Min Supply Pressure		Set pressure +1 bar				
Pressure Setting Range		0-(-1)BARG	0-2BARG	0-5BARG	0-10BARG	0-30BARG
		Maximum inlet pressure customizable upon request				
Max Flow Rate @ 30 BARG		4800SLPM				
Port Size		G 3/8"				
		Port size customizable upon request				
Power	Voltage	DC24V±10%				
	Current Consumption	< 24W				
Input Signal	Voltage Type	0-10V				
	Current Type	4-20mA				
	Digital Type	RS485 (Communication Protocol: Modbus)				
Input Impedance	Voltage Type	7.4kΩ				
	Current Type	250Ω				
Output Signal	Voltage Type	0-10V				
	Current Type	4-20mA				
Electrical Connection		6-pin M8Aviation connector				
Linearity		±0.1% @ Full Scale (F.S.)				
Repeatability		±0.1% @ Full Scale (F.S.)				
Resolution		±0.1% @ Full Scale (F.S.)				
Response Time		200ms@Full Scale				
Display Accuracy		±0.25%@ Full Scale (F.S.)				
Display Unit		MPa: 0.001、kgf/cm²: 0.01、bar: 0.01、psi: 0.1 、kPa: 1				
Flow Path Material		NBR、FKM、Barss、Aluminum、Stainless Steel				
Ambient Temperature		0-60℃				
Fluid Temperature		0-60℃				
Waterproof Rating		IP40				
Input filter		Below 40 microns				
Weight	Aluminum	1.2KG				



⚠ WARNING

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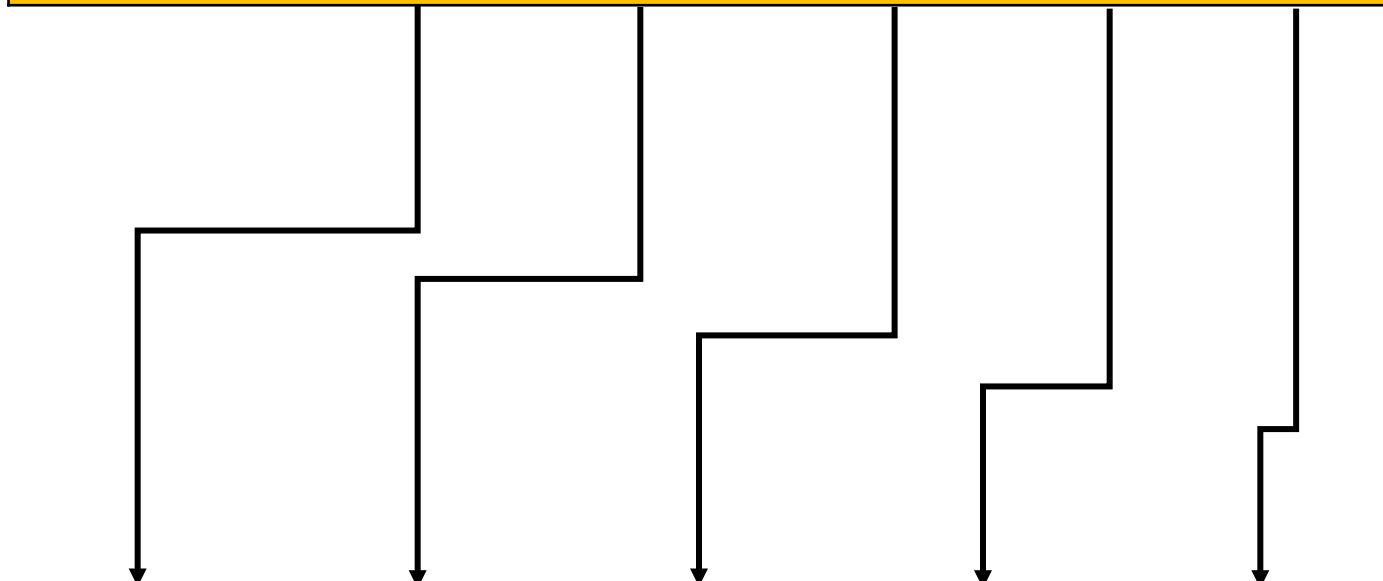


Product Order Code

SPV

SPV	Repeatability	$\pm 0.1\% \text{F.S.}$	Pressure range	Full- 35BARG	
	Port size	G3/8"	Peak flow rate	4800L/min@30BARG	
Example Part Number	SPV	P30	0	V	P

Reference Example →	①	②	③	④	⑤
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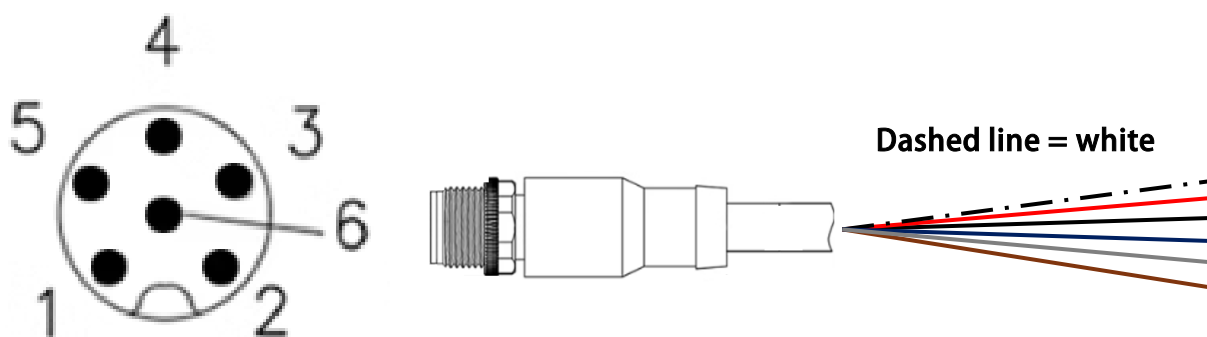


① Spec Code	② Pressure range	③ Input Signal	④ Output Signal	⑤ Display unit
SPV	V1:-1BARG P5:5BARG P10:10BARG P30:30BARG	0:0-10V 1:4-20mA 2:Digital Signal	V:0-10V A:4-20mA D:Digital Signal	KP:KPAG T :Torr P :PSIG B :BARG KG:KGFG M :MPAG

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⚠ Proceed to the corresponding section based on the type of valve being installed.
NOTE: All color codes refer to the factory-prewired SPV-XXX power cord.



Connector Number	Cable Color	Function
1	Brown	24V Power(+) Error output(-)
2	Blue	24V Power(-) Output Signal(-)
3	White	Input Signal(+) Modbus RTU RS485(+)
4	Grey	Input Signal(-) Modbus RTU RS485(-)
5	Black	Output Signal(+)
6	Pink	Error output(-)

Error Output: A 24V signal is output to the PLC to indicate an error when the valve body triggers a fault alarm.

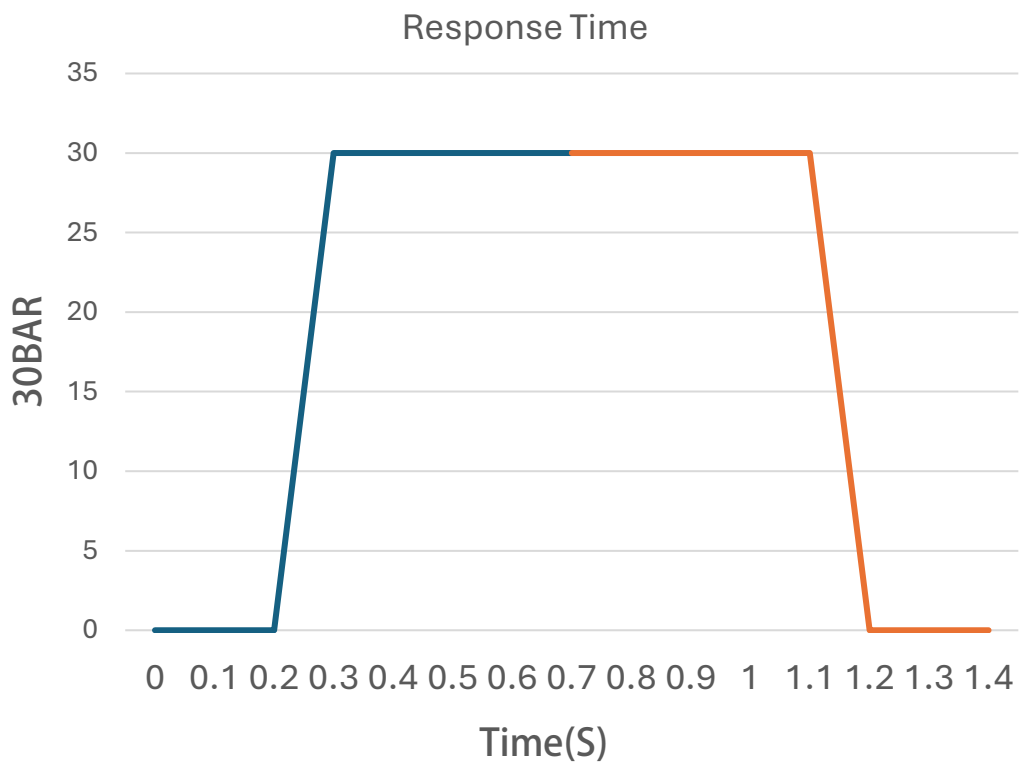
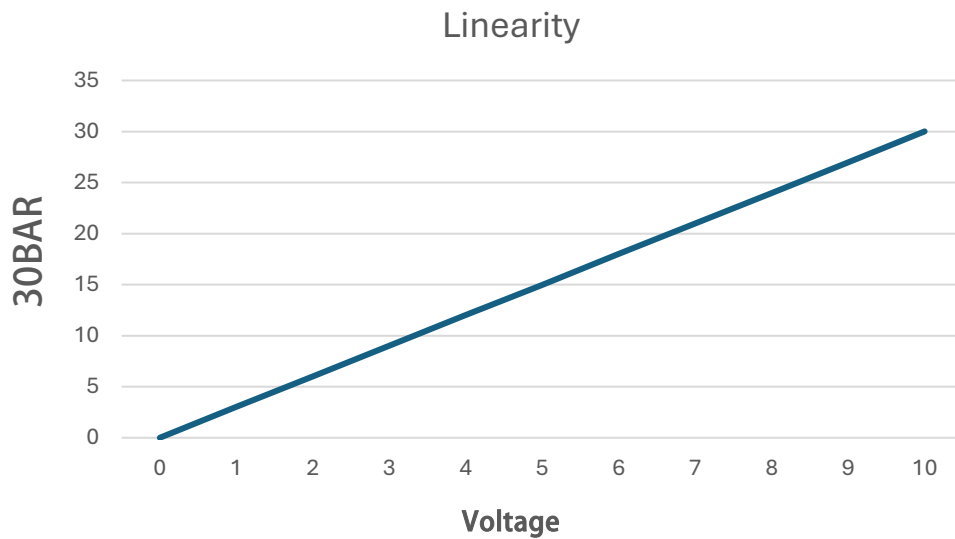
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Characteristic Curve

SPV

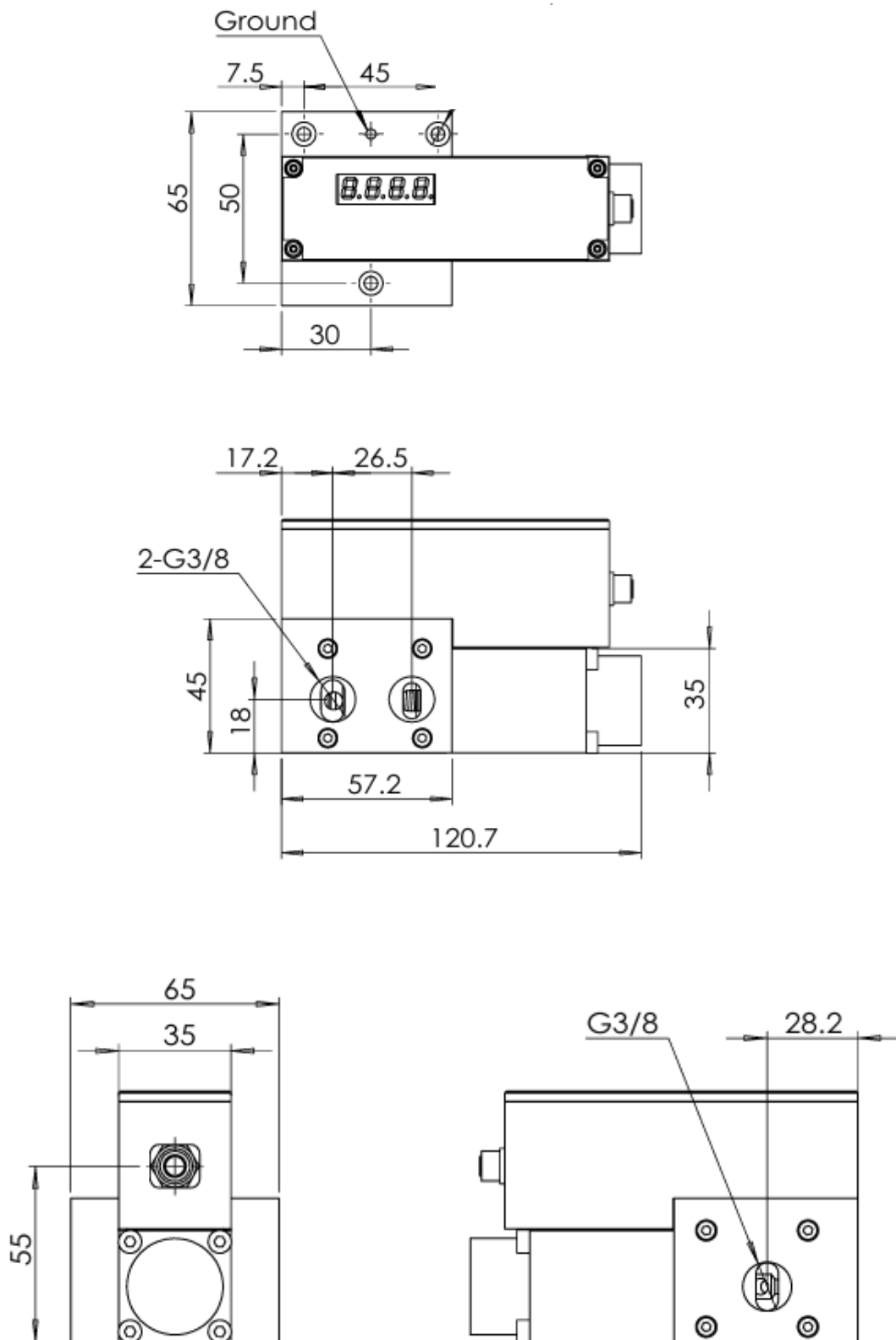


WARNING

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Overall Dimension

SPV



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