

4V100 Series

Solenoid Valve, Air Piloted Valve



The way to automation

- Valve
- 4V100
- 4V200
- 4V300
- 4V400
- Manifold
- 3V1
- JEL
- JZF
- MVSD
- VF, VZ
- BM, PU, AM
- Diaphragm
- Coil
- 2V
- 2W
- 2W(Big)
- 2P
- 2L
- VX
- PU
- PU225
- 2Q
- JEL5404
- JEL6213
- Pulse
- JELJZF
- 4H
- TSV
- MPV
- 4HV
- HV, K
- 4R
- 4F
- MSV
- JM
- ASC, RE
- QE, QEA
- ST
- HSV



Ordering Code

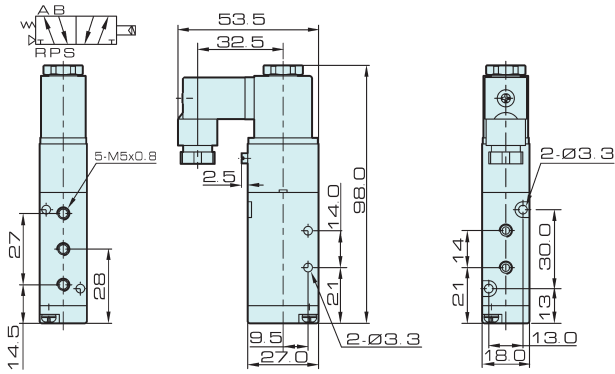
4V	1	10	06	B	AC220V	W	F
↓	↓	↓	↓	↓	↓	↓	↓
Specification	Series Code	Coil and Type	Port size	Connection and Initial status	Standard Voltage	Wiring	Joint
4V: 5/2 (3) way solenoid valve 4A: 5/2 (3) way air pilot valve 3V: 3/2 way solenoid valve 3A: 3/2 way air pilot valve	1: 100 Series	10: Single coil 20: Double coil 30C: Mid-position closed 30E: Mid-position vented 30P: Mid-position open	M5: M 5 × 0.8 06: 1/8"	Blank: Threaded B: Sub-plated mounted (for 5/2,5/3 way only) NC: 3/2 way normally closed NO: 3/2 way normally open	DC12V DC24V AC24V 50Hz/60Hz AC110V 50Hz/60Hz AC220V 50Hz/60Hz AC380V 50Hz/60Hz	Blank: Without light indicator LD: Brown with light indicator LD1: White with light indicator W: Lead wire	1 F-20 F

Specification

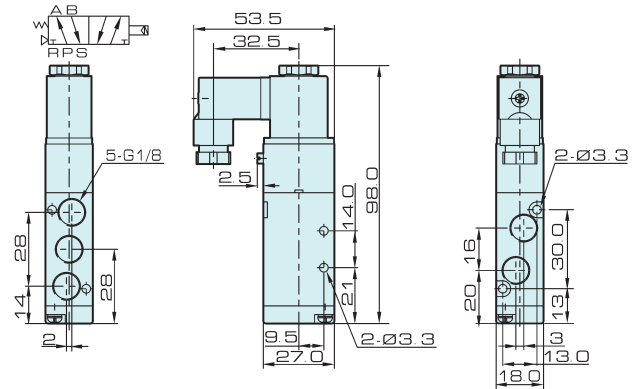
Model	4V110-M5	4V120-M5	4V130C-M5	4V130E-M5	4V130P-M5	4V110-06	4V120-06	4V130C-06	4V130E-06	4V130P-06
	4A110-M5	4A120-M5	4A130C-M5	4A130E-M5	4A130P-M5	4A110-06	4A120-06	4A130C-06	4A130E-06	4A130P-06
Valve Type	5/2 way		5/3 way			5/2 way		5/3 way		
Effective Cross Section Area	10 mm ² (CV = 0.56)		7 mm ² (CV = 0.40)			12 mm ² (CV = 0.67)		9 mm ² (CV = 0.5)		
Model	3V110-M5	3V120-M5	3A110-M5	3A120-M5	3V110-06	3V120-06	3A110-06	3A120-06		
Valve Type	3/2 way									
Effective Cross Section Area	10 mm ² (CV = 0.56)					12 mm ² (CV = 0.67)				
Port Size	Inlet, Outlet, Exhaust Port = M5 × 0.8					Inlet, Outlet, Exhaust Port = G 1/8"				
Working Medium	40 Micron Filtered Air									
Operation	Internal piloted									
Working-pressure	0.15 ~ 0.8 MPa									
Max. Test Pressure	1.2 MPa									
Ambient Temperature	5 ~ 50 °C									
Operating Voltage Tolerance	± 10%									
Power Consumption	AC: 2.8 VA DC: 2.8 W									
Connector Protection	F Class, IP 65									
Wiring / Connector	Cable / Lead Wire or DIN Connector									
Switching Frequency	5 Cycles / Sec.									
Response Time	0.05 Sec.									

Overall Dimension

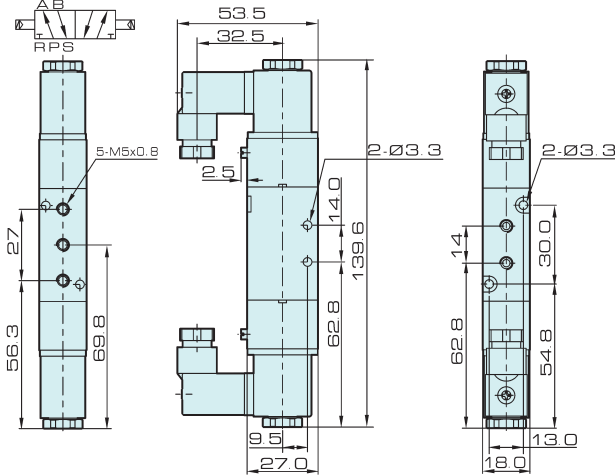
4V110-M5



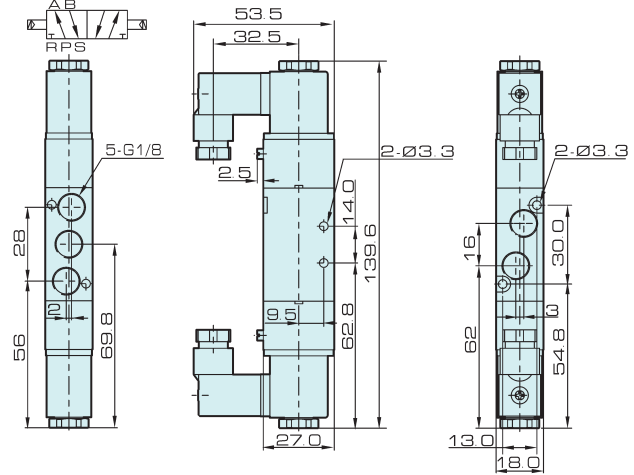
4V110-06



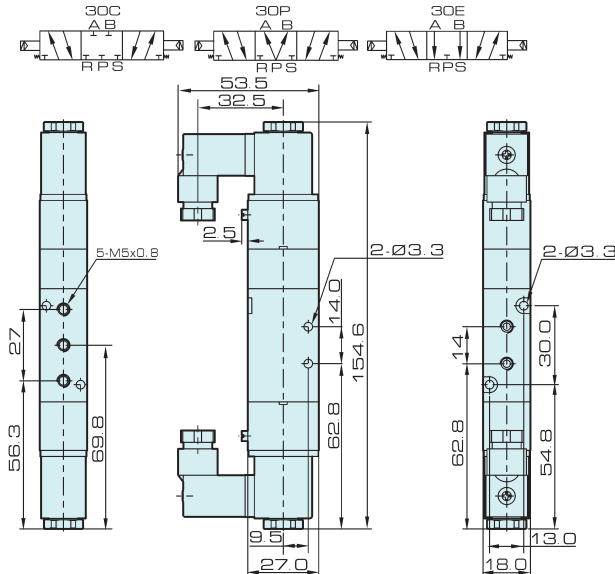
4V120-M5



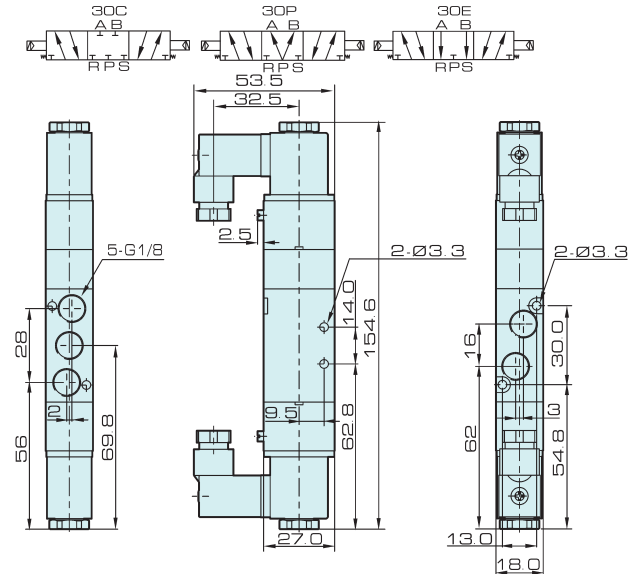
4V120-06



4V130-M5



4V130-06



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Diaphragm

Coil

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2W(Big)

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JEL6213

Pulse

JEL, JZF

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TSV86

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4HV

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ASC, RE

QE, QEA

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HSV

4V100 Series

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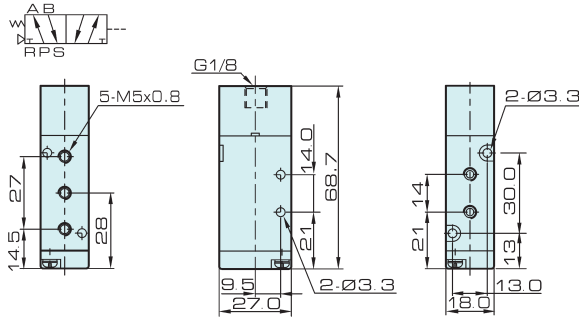


The way to automation

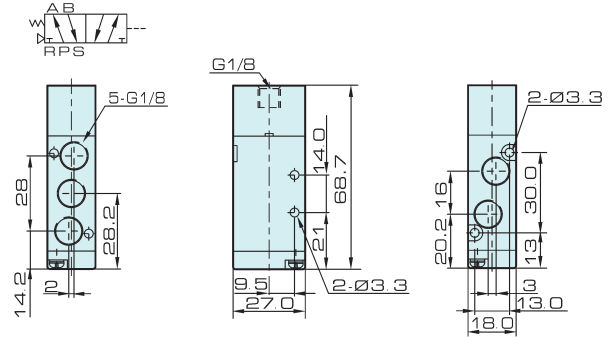
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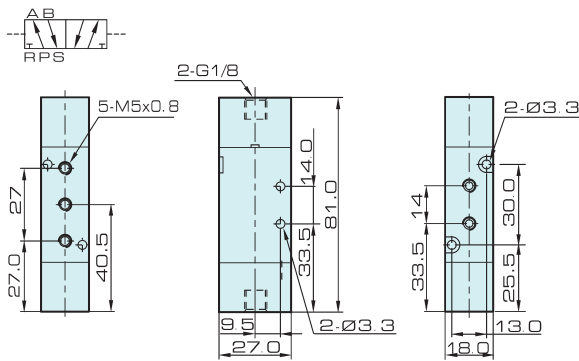
4A110-M5



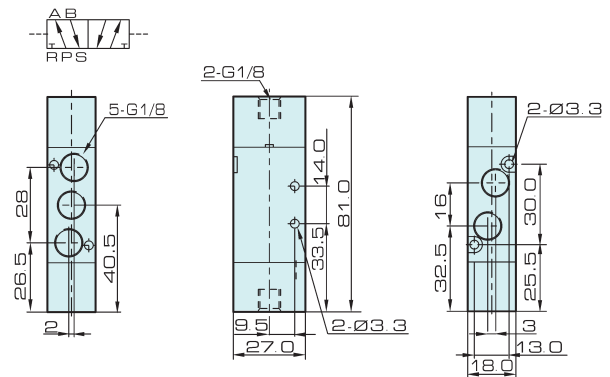
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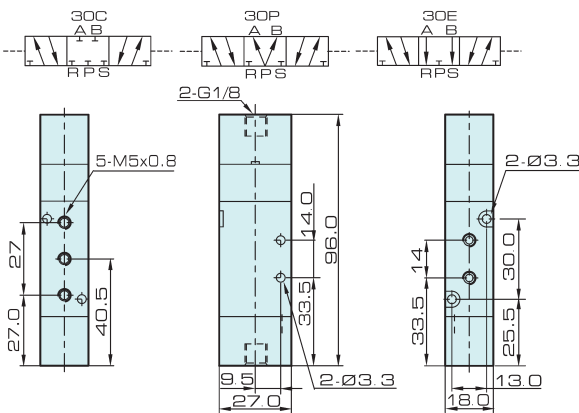
4A120-M5



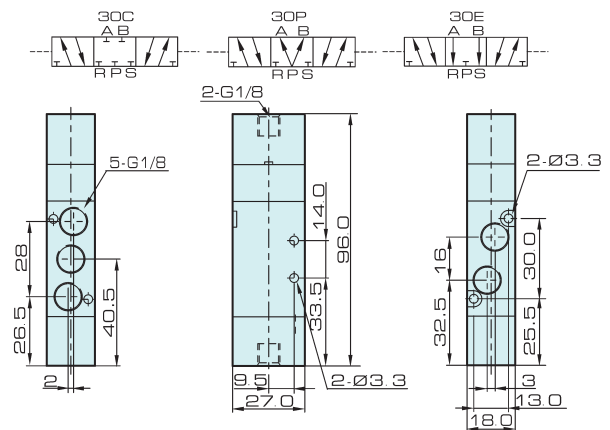
4A120-06



4A130-M5



4A130-06



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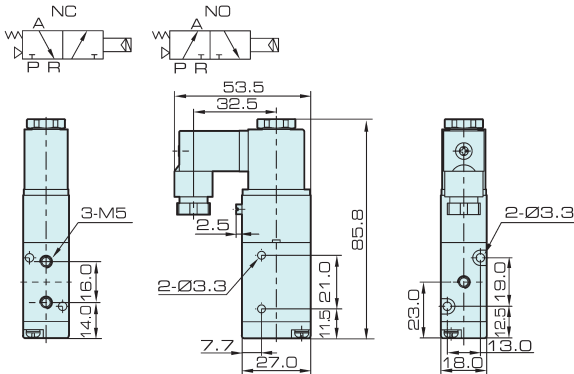
ASC, RE

QE, QEA

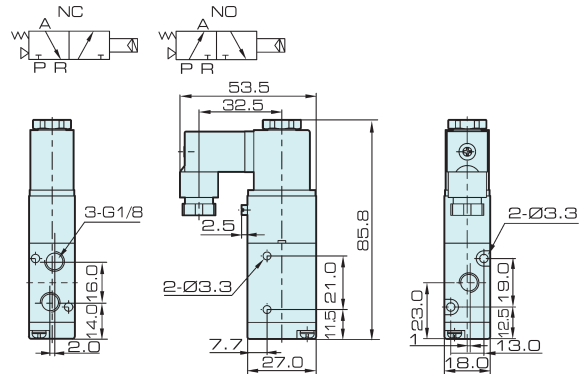
ST

HSV

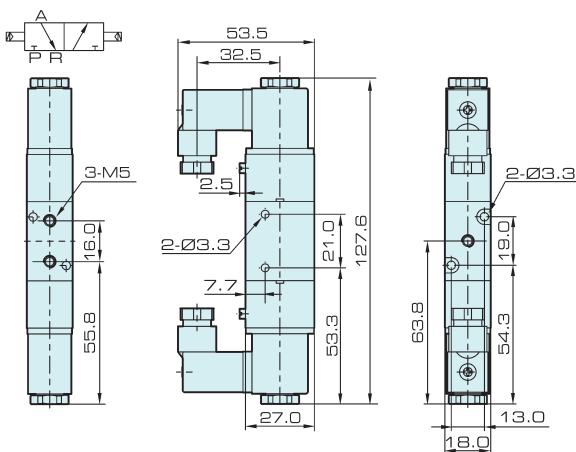
3V110-M5



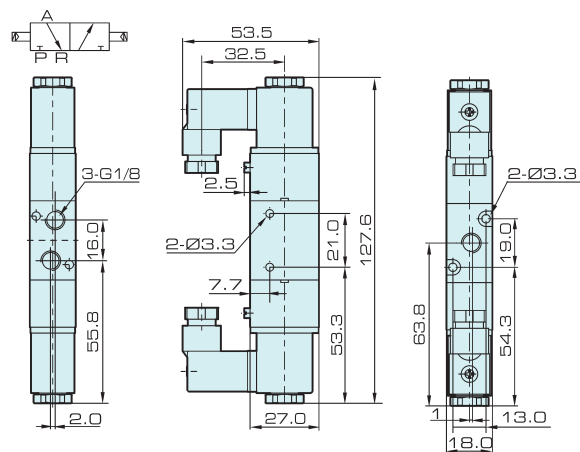
3V110-06



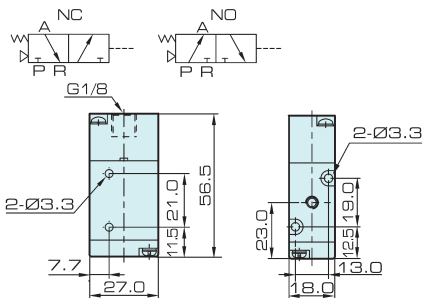
3V120-M5



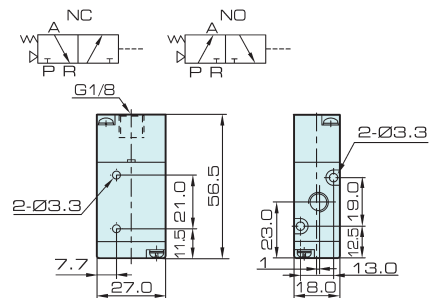
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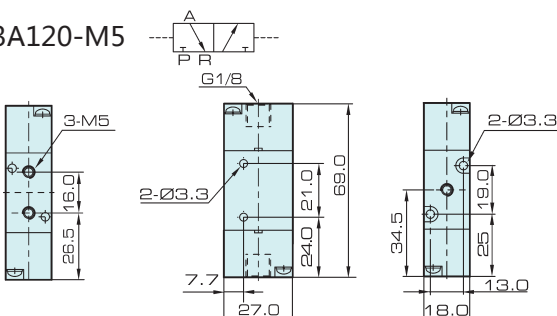
3A110-M5



3A110-06



3A120-M5



3A120-06

