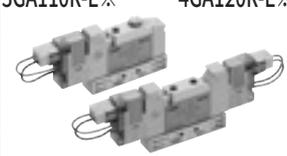
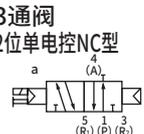
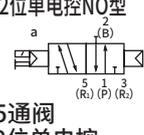
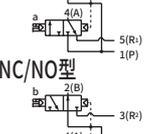
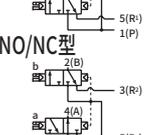
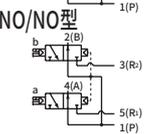
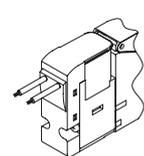
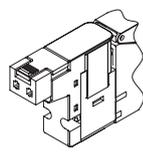
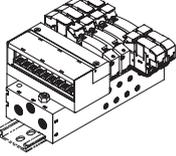
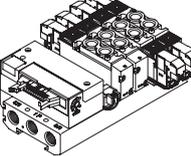
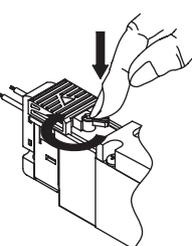
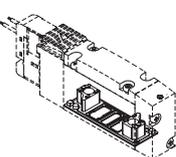
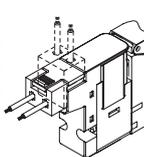
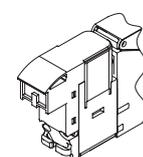
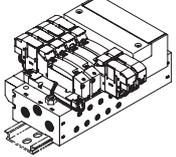
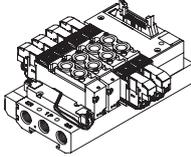
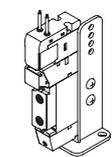
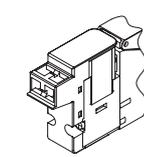
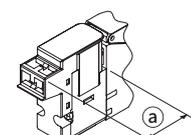
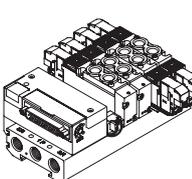
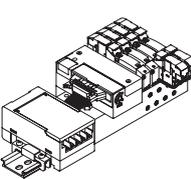
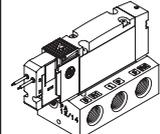
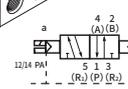
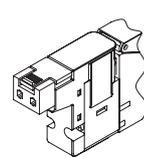
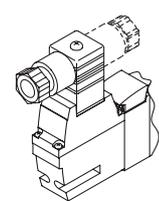
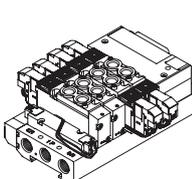
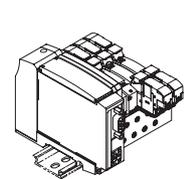
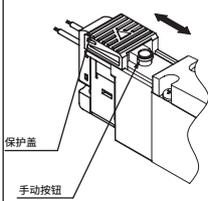
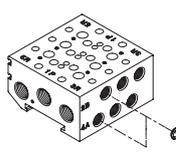
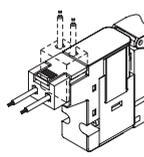
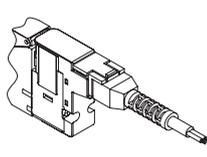
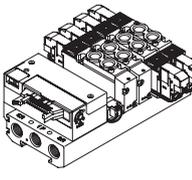
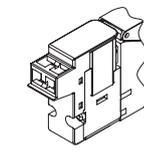
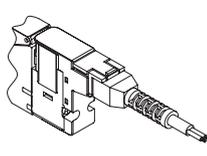
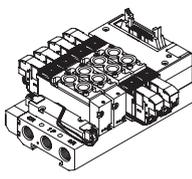


电动执行器	空压气缸	助力装置	空压阀	FR L·辅助元件 电子元件	真空元件	主管路元件	流体控制阀	主管路元件	抗菌除菌过滤器	真空元件	流体控制阀	系列外观		机种型号	位置 线圈数 JIS 符号	阀能力		电压 (v)	
												流量特性C (dm <sup>3</sup> /(s·bar)) (注1)	适用 缸径 (φ)						
													<b>单体</b> 3GA110R-E※ 4GA120R-E※  4GB310R-B 	<b>直接配管</b> 3通 5通	3GA1	●3通阀 2位单电控NC型  2位单电控NO型 	0.66 ~ 0.70	20 ~ 40	AC100 AC200 DC24 DC12 (注2)
3GA2	0.66 ~ 0.70	20 ~ 40																	
3GA3	2.2 ~ 2.7	40 ~ 80																	
4GA1	3.9	63 ~ 100																	
4GA2	0.66 ~ 0.70	20 ~ 40																	
4GA3	2.4 ~ 2.7	40 ~ 80																	
														<b>底板配管</b> 3通 5通	3GB1	●5通阀 2位单电控 	1.0	20 ~ 40	
3GB2	2.1	40 ~ 80																	
4GB1	1.1 ~ 1.3	20 ~ 40																	
4GB2	2.2 ~ 2.5	40 ~ 80																	
4GB3	3.2 ~ 4.2	63 ~ 100																	
4GB3	3.2 ~ 4.2	63 ~ 100																	
													<b>个别配线集成阀</b> M4GA280R-E※D  M4GB280R-E※ 	<b>直接配管</b> 直接安装型 DIN导轨安装型(-D)	M4GA1	2位双电控 	0.66 ~ 1.0	20 ~ 40	AC100 AC200 DC24 DC12 (注2)
M4GA2	1.7 ~ 2.5	40 ~ 80																	
M4GA3	2.5 ~ 3.3	63 ~ 100																	
														<b>底板配管</b> 直接安装型 DIN导轨	M4GB1	3位中封 	0.67 ~ 1.0	20 ~ 40	
M4GB2	1.6 ~ 2.4	40 ~ 80																	
M4GB3	2.6 ~ 3.3	63 ~ 100																	
M4GB3	2.6 ~ 3.3	63 ~ 100																	
M4GB3	2.6 ~ 3.3	63 ~ 100																	
M4GB3	2.6 ~ 3.3	63 ~ 100																	
													<b>省配线集成阀</b> M4GA280R-T10  M4GA280R-T8D  M4GB210R-T8D 	<b>直接配管</b> 安装类型 端子台型(-T1□) 接插件型(-T30、-T5□)	M4GA1	3位A·B·R连接 	0.66 ~ 1.0	20 ~ 40	DC24 DC12
M4GA2	1.7 ~ 2.5	40 ~ 80																	
M4GA3	2.5 ~ 3.3	63 ~ 100																	
M4GA1	0.66 ~ 1.0	20 ~ 40																	
M4GA2	1.7 ~ 2.5	40 ~ 80																	
M4GA3	1.7 ~ 2.5	40 ~ 80																	
														<b>底板配管</b> 安装类型 端子台型(-T1□D) 接插件型(-T30D、-T5□D)	M4GA1	3位P·A·B连接 	0.66 ~ 1.0	20 ~ 40	
M4GA2	1.7 ~ 2.5	40 ~ 80																	
M4GA3	2.5 ~ 3.3	63 ~ 100																	
M4GA1	0.66 ~ 1.0	20 ~ 40																	
M4GA2	1.7 ~ 2.5	40 ~ 80																	
M4GA3	1.7 ~ 2.5	40 ~ 80																	
													<b>底板配管</b> 安装类型 端子台型(-T1□D) 接插件型(-T30D、-T5□D)	M4GB1	●3通阀2个内置型 NC/NC型 	0.66 ~ 1.0	20 ~ 40	DC24 DC12	
M4GB2	1.6 ~ 2.4	40 ~ 80																	
M4GB3	2.6 ~ 3.3	63 ~ 100																	
M4GB1	0.66 ~ 1.0	20 ~ 40																	
M4GB2	1.7 ~ 2.5	40 ~ 80																	
M4GB3	2.5 ~ 3.3	63 ~ 100																	
													<b>底板配管</b> 安装类型 端子台型(-T1□D) 接插件型(-T30D、-T5□D)	M4GB1	NO/NC型 	0.66 ~ 1.0	20 ~ 40	DC24 DC12	
M4GB2	1.6 ~ 2.4	40 ~ 80																	
M4GB3	2.6 ~ 3.3	63 ~ 100																	
M4GB1	0.67 ~ 1.0	20 ~ 40																	
M4GB2	1.6 ~ 2.4	40 ~ 80																	
M4GB3	2.6 ~ 3.3	63 ~ 100																	
													<b>底板配管</b> 安装类型 端子台型(-T1□D) 接插件型(-T30D、-T5□D)	M4GB1	NO/NO型 	0.67 ~ 1.0	20 ~ 40	DC24 DC12	
M4GB2	1.6 ~ 2.4	40 ~ 80																	
M4GB3	2.6 ~ 3.3	63 ~ 100																	
M4GB1	0.67 ~ 1.0	20 ~ 40																	
M4GB2	1.6 ~ 2.4	40 ~ 80																	
M4GB3	2.6 ~ 3.3	63 ~ 100																	



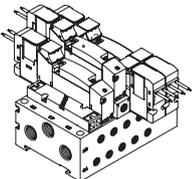
# 4GA1~3·4GB1~3-FP1 Series

	电线连接				手动装置	其他选择项
	单体阀·个别配线集成阀		省配线集成阀			
电动执行器	<b>无符号</b> 直接引线型 <b>(A)</b> ●导线长度 300mm 	<b>E3</b> E型接插件附带插座端子 <b>(B)(C)</b> 	<b>T10</b> 集中端子台型(左侧) <b>T11</b> M3螺纹规格/压紧规格 	<b>T51</b> 扁平电缆无电源端子(左侧) <b>T52</b> <b>T53</b> 	<b>无符号</b> 非锁定·锁定通用型 (标配) 	<b>H</b> 带排气误动作防止阀  先导排气用为标配
空气气缸						
助力装置						
空压阀	<b>E0</b> E型接插件 <b>(A)</b> ●导线长度 300mm 500mm 1000mm 2000mm 3000mm 	<b>A2N</b> A型接插件向下无插座 	<b>T10R</b> 集中端子台型(右侧) <b>T11R</b> M3螺纹规格/压紧规格 	<b>T51R</b> 扁平电缆无电源端子(右侧) <b>T52R</b> <b>T53R</b> 		<b>P</b> 安装板  单体 (仅直接配管)
FR L·辅助元件	<b>E0N</b> E型接插件无插座 	●AC电压时, 相比DC电压, <b>(a)</b> 尺寸要长 3.5mm. 	<b>T30</b> D-Sub接插件型(左侧) 	<b>T6</b> 串行传输型 	<b>K</b> 外部先导  1 非锁定式 Push 时 ON 松开时 OFF 2 锁定式 Push + 右转 90°时保持 ON 状态 左 转时锁定解除 OFF 	
真空元件						
主管路元件	<b>E1</b> E型接插件附带插座端子 	<b>B</b> DIN 端子箱 <b>BN</b> (BN: 不带端子箱) 	<b>T30R</b> D-Sub接插件型(右侧) 	<b>T8</b> 串行传输型(薄型) 	<b>M</b> 非锁定式  保护盖 手动按钮	<b>F</b> AB 气口内置过滤网 
流体控制阀						
主管路元件	<b>E2</b> E型接插件 <b>(A)(B)(C)</b> ●导线长度 300mm 500mm 1000mm 2000mm 3000mm 	<b>E0J</b> EJ型接插件 <b>(A)</b> 	<b>T50</b> 扁平电缆带电源端子(左侧) 	<b>(A)</b> : 带导线 <b>(B)</b> : 带指示灯 <b>(C)</b> : 带浪涌吸收器		
抗菌除菌过滤器						
真空元件	<b>E2N</b> E型接插件无插座 <b>(B)(C)</b> 	<b>E2J</b> EJ型接插件 <b>(A)(B)(C)</b> 	<b>T50R</b> 扁平电缆带电源端子(右侧) 			
流体控制阀						

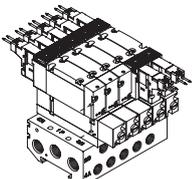
## 电线连接回路图

**其他选择项**

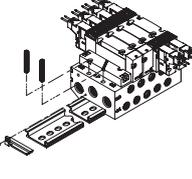
**Z1** 供气隔板  
**Z3** 排气隔板



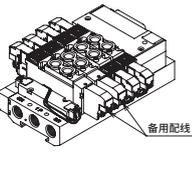
**Z2** 截止阀隔板

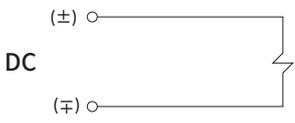
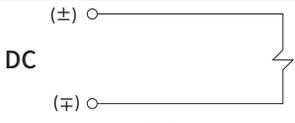
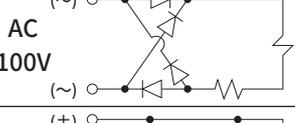
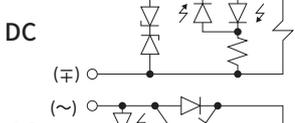
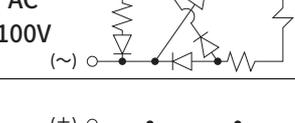
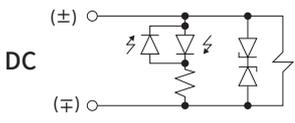
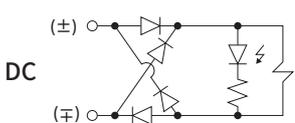
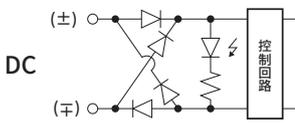


**D** DIN 导轨安装



**W1** 双配线  
(带单电控备用配线)



电线连接		无导线	带导线	带指示灯	带浪涌吸收器	无插座	回路图
无符号	直接引线		●				 <p>DC</p>
E0	E 型接插件		●				 <p>DC</p>
E0*J	EJ 型接插件		●				
E0N	E 型接插件					●	 <p>AC 100V</p>
E1	E 型接插件	●					
E2	E 型接插件		●	●	●		 <p>DC</p>
E2*J	EJ 型接插件		●	●	●		
E2N	E 型接插件			●	●	●	
E3	E 型接插件	●		●	●		 <p>AC 100V</p>
A2N	A 型接插件			●	●	●	
B	DIN 端子箱	●		●	●		 <p>DC</p>
BN	DIN 端子箱 (不带端子箱)	●			●		
选择项 S	E2		●	●	●		 <p>DC</p>
	E2*J		●	●	●		
	E2N			●	●	●	
选择项 E	E2		●	●	●		 <p>DC</p>
	E2*J		●	●	●		
	E2N			●	●	●	

电动机执行器

空压气缸

助力装置

空压阀

FRL·辅助元件  
电子元件

真空元件

主管路元件

流体控制阀

主管路元件

抗菌除菌过滤器

真空元件

流体控制阀

F P 1

F P 2