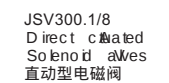
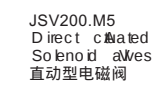
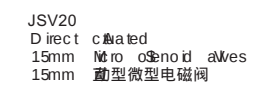
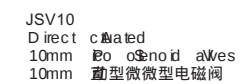


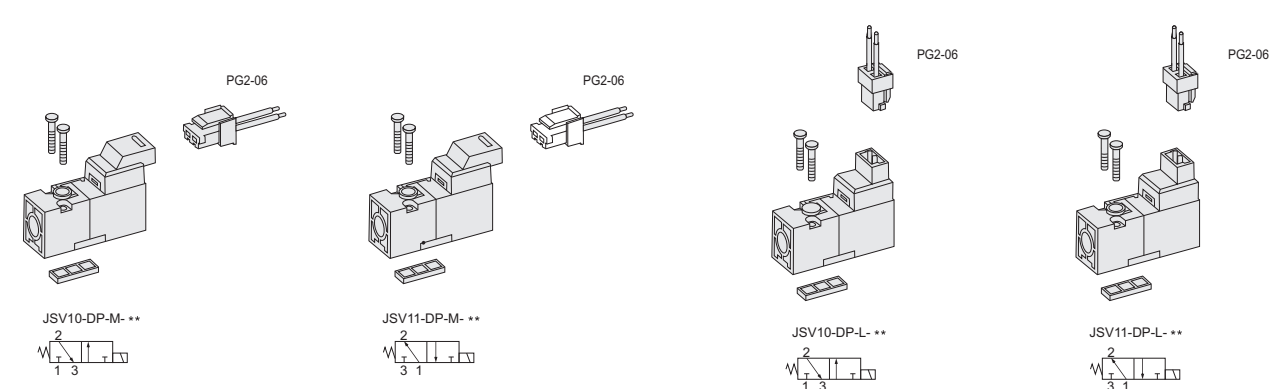
CHAPTER 07 第7章



JSV10 Direct Actuated直动型

10mm Pico Solenoid Valves10mm 微型电磁阀

□3/2-Direct Operation Type(3/2-直动型) □Manifold Mounting Type (阀板安装) □Orifice (孔径) Φ0.6mm



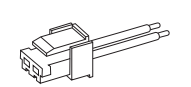
JSV10-DP-M-**

JSV11-DP-M-**

JSV10-DP-L-**

JSV11-DP-L-**

Plug Connector With Clip
带夹插头



Ordering Code 订购代号
PG2-06 (L : 600mm)
PG2-10 (L : 1,000mm)

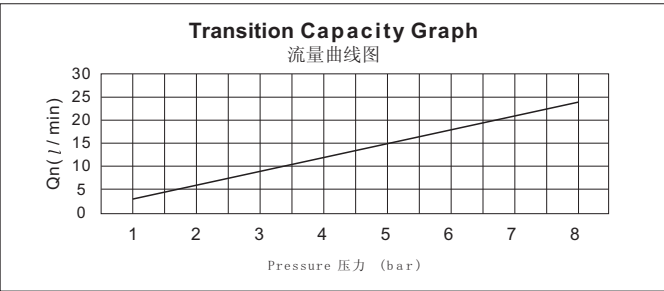
Blanking Plate(Material : STS304)
盲板(材质: STS304)



Ordering Code 订购代号
JMF10 - BLK

The specification on each item can be amended without any prenotice to improve a performance.
The specification on each item can be different from actual specification.
对产品性能的改善，不会预先通知。 规格描述可能与实际规格不完全相同。

** : Voltage Selection ** : 电压选择



The Material of Parts
部件材质

■ Pilot Parts : Glass Filled Nylon	■ 先导部件 : 尼龙
■ Spring : Stainless	■ 弹簧 : 不锈钢
■ Seals : NBR	■ 密封 : NBR
■ Armature : Stainless Steel	■ 铁芯 : 不锈钢
■ Indicator Cap : Polycarbonate	■ 指示帽 : 聚碳酸酯

ORDERING CODE 订购代号

JSV1 0 - D P - L - D4

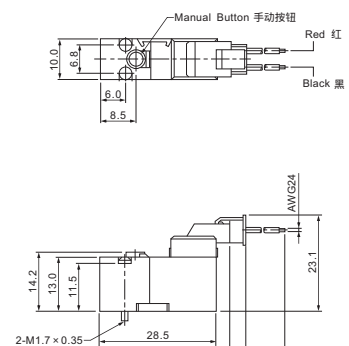
Valve Series 阀系列	Function 功能	Pilot Source 先导形式	Manual Operator 手动操作	Solenoid Coil Type 线圈形式	Voltage 电压
JSV1 : Solenoid Valve 电磁阀	0 3/2 Normally Closed Spring Return 常闭,弹簧复位 1 3/2 Normally Open Spring Return 常开,弹簧复位	D Direct Operated 直动式	P Push Non-Locking 无锁按钮	L 90 Degree Plug-in Wire Assembly With LED 90 度 夹 插 座 带 灯 M 180 Degree Plug-in Wire Assembly With LED 180 度 夹 插 座 带 灯	D4 DC24V D2 DC12V



JIS P

SPECIFICATION 规格

ITEM 项目	SERIES 系列	JSV10	JSV11
	FUNCTION 功能	3/2-N.C 常闭	3/2-N.O 常开
Fluids 流体		Compressed Air 压缩空气	
Pressure(bar) 压力		1 ~ 8.0	
Orifice(mm) 孔径		P= Ø 0.6, R= Ø 0.7	
Ambient & Fluid Temp. 环境及流体温度		5 ~ 60°C(41 ~ 140°F)	
Response Time(5bar) 响应时间		10ms or Less 10ms 或 少于	
Max. Working Frequency 最大工作频率		30c/sec 30 次 / 秒	
Lubrication 润滑		Not Required (Use ISO VG32#) 不需要 (或用 I S O V G 3 2 #)	
Manual Override 手动操作		Push Button 按钮	
Coil insulation Class 线圈绝缘等级		F-Class or Equivalent F 级或相应	
Permissible Voltage Variation 允许电压范围		±10% of Rated Voltage 额定电压	
Power Consumption 耗电量		0.65W(24V : 27.0mA / 12V : 54.0mA)	

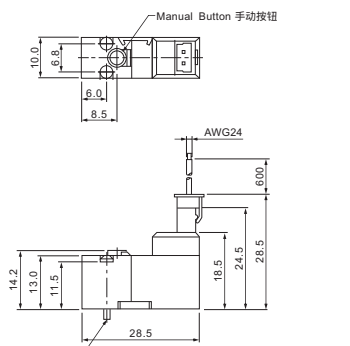


Manual Button 手动按钮

Red 红

Black 黑

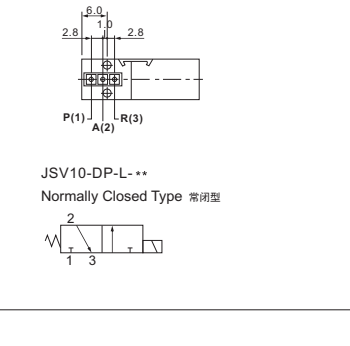
JSV10-DP-M-**
Normally Closed Type 常闭型



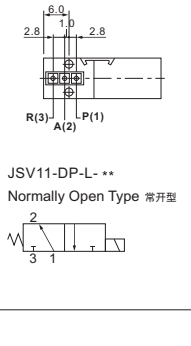
Manual Button 手动按钮

AWG24

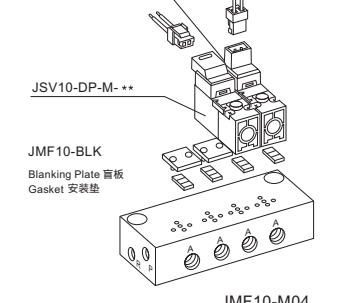
JSV11-DP-M-**
Normally Open Type 常开型



JSV10-DP-L-**
Normally Closed Type 常闭型

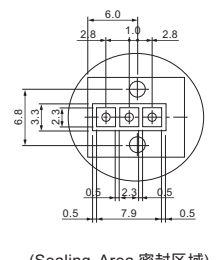


JSV11-DP-L-**
Normally Open Type 常开型



JMF10-BLK
Blanking Plate 盲板
Gasket 安装垫

JMF10-M04

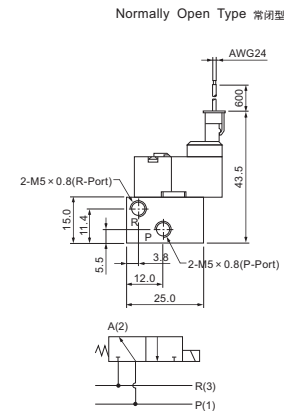
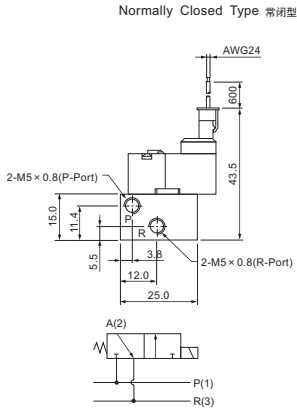


(Sealing Area 密封区域)

JMF10 MANIFOLD BLOCK

JMF10 安装阀板

(JSV10 Solenoid Valve Use)
JSV10 电磁阀用

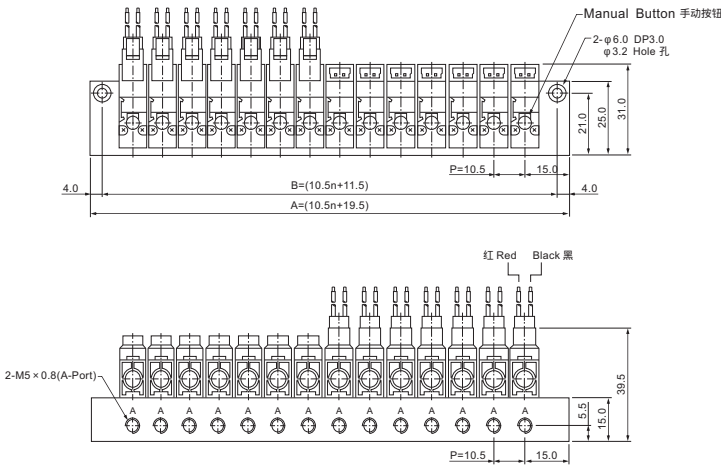


Manifold Block Ordering Code
安装阀板订购代号

JMF10		2	
Symbol 符号	Manifold Station 安装位数		
JMF10 3 Way 口	02	2-Station	位
	04	4-Station	位
	06	6-Station	位
	08	8-Station	位
	10	10-Station	位
	12	12-Station	位
	14	14-Station	位

Blanking Plate Ordering Code
盲板订购代号

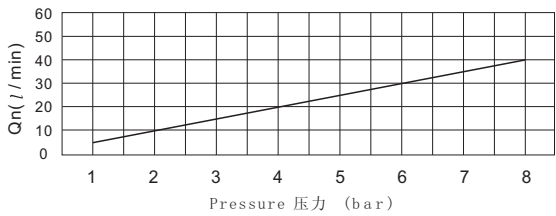
JMF10-BLK	
	Blanking Plate 盲板 (Material: STS304) 材料: STS304
	Manifold Gasket. 安装垫 (Material: NBR) 材料: NBR



3-PORT MANIFOLD BLOCK DIMENSION														
3口安装阀板尺寸														
		n=STATION (位数)												
ITEM	n	2	3	4	5	6	7	8	9	10	11	12	13	14
B		32.5	43.0	53.5	64.0	74.5	85.0	95.5	106.0	116.5	127.0	137.5	148.0	158.5
A		40.5	51.0	61.5	72.0	82.5	93.0	103.5	114.0	124.5	135.0	145.5	156.0	166.5

Transition Capacity Graph

流量曲线图



The Material of Parts

部件材质

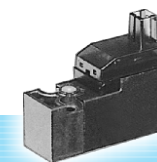
- | | |
|------------------------------------|-----------------------|
| ■ Pilot Parts : Glass Filled Nylon | ■ 先导部件: 尼龙 |
| ■ Spring : Stainless | ■ 弹簧: 不锈钢 |
| ■ Seals : NBR | ■ 密封: NBR |
| ■ Armature : Stainless Steel | ■ 铁芯: 不锈钢 |
| ■ Indicator Cap : Polycarbonate | ■ 指示灯帽: 聚碳酸酯 |
| ■ Lead Wire : AWG-no.24 | ■ 导线: AWG - n o . 2 4 |
| ■ Lead Wire Packing : Viton | ■ 导线包装: 氟橡胶 |

ORDERING CODE 订购代号

JSV2 0 - D P - SC - CN1 - D4						
Valve Series 阀系列	Function 功能	Pilot Source 先导形式	Manual Operator 手动操作	Solenoid Coil Type 线圈形式	Connector Type 连接形式	Voltage 电压
JSV2 : Solenoid Valve 电磁阀	0 3/2 Normally Closed Spring Return 常闭, 弹簧复位	D Direct Operated 直动式	P Push Non-Locking 无锁按钮	0 None 无	0 None 无	0 None 无
				SC 3 Pin Connector Coil DIN 插座	CN1 Normal Connector 普通型	A2 AC 220V
				SG Grommet Flying Leads 直线出线	CD1 Connector With LED 带灯	A1 AC 110V
				SD Grommet Flying Leads With LED 直接出线带灯	CZ1 Connector With LED & Surge Suppressor 带灯及过电压保护	D4 DC24V
				SL 90 Degree Plug-in Wire Assembly with LED 90 度脚夹插座带灯	D2 DC12V	
				SM 180 Degree Plug-in Wire Assembly With LED 180 度脚夹插座带灯		

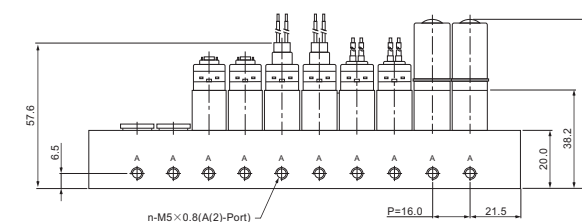
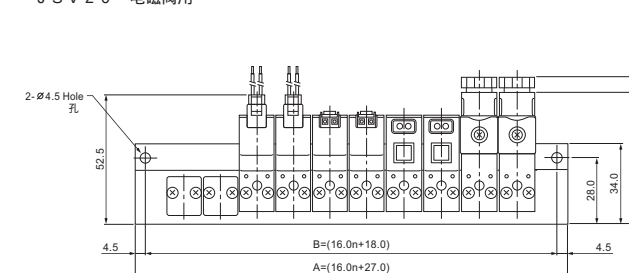
☐3/2-Direct Operation Type(3/2-直动型) ☐Manifold Mounting Type(阀板安装) ☐Orifice(孔径) $\Phi 1.1\text{mm}$

ITEM 项目		SERIES 系列	JSV20
FUNCTION 功能		3/2-N.C 常闭	
Fluids 流体		Compressed Air 压缩空气	
Pressure(bar) 压力		0 ~ 8.0	
Orifice(mm) 孔径		P = Ø 1.1, R = Ø 1.5	
Ambient & Fluid Temp. 环境及流体温度		5 ~ 60°C(41 ~ 140°F)	
Response Time(5bar) 响应时间		20ms or less 20ms或少于	
Max. Working Frequency 最大工作频率		10c/sec 10次/秒	
Lubrication 润滑		Not Required(Use ISO VG32 #) 不需要(或用 ISO VG32 #)	
Manual Override 手动操作		Push Button 按钮	
Coil insulation Class 线圈绝缘等级		F-Class or Equivalent F级或相应	
Permissible Voltage Variation 允许电压范围		± 10% of Rated Voltage 额定电压	
Power Consumption 耗电量		AC: 3.5VA(60Hz) / DC:2.5W	



JMF20 安装阀板

J S V 2 0 电磁阀用



3 - PORT MANIFOLD BLOCK DIMENSION

3口安装阀板尺寸

3-PORT MANIFOLD BLOCK DIMENSION								
3 口安装板尺寸								
		n=STATION (位数)						
ITEM	n	2	4	6	8	10	12	14
B		50.0	82.0	114.0	146.0	178.0	210.0	242.0
A		59.0	91.0	123.0	155.0	187.0	219.0	251.0

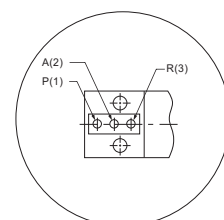
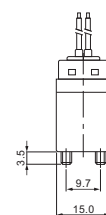
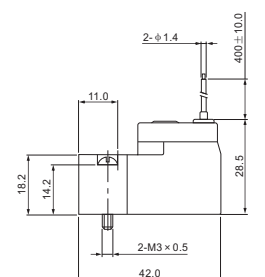
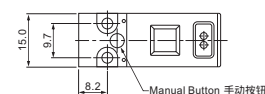
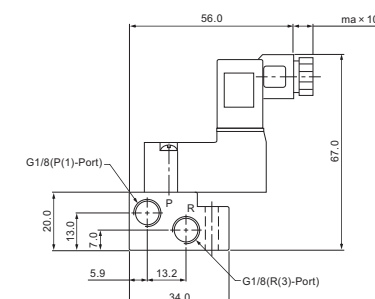
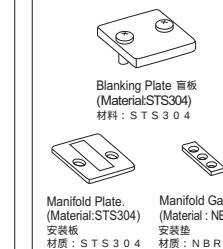
安装阀板订购代号

Symbol 符号	
JMF20	3Way口

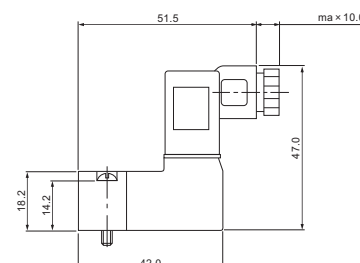
Manifold Station 安装位置	
02	2-Station 1
04	4-Station 1
06	6-Station 1
08	8-Station 1
10	10-Station 1
12	12-Station 1
14	14-Station 1

盲板订购代号

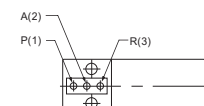
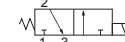
JMF20 -BLK



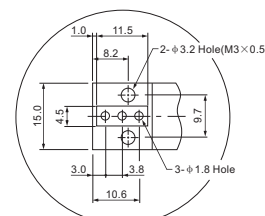
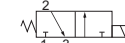
Normally Closed Type
常闭型



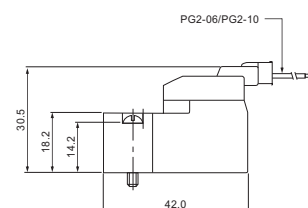
JSV20-DP-SC-CN1- **
Normally Closed 常闭



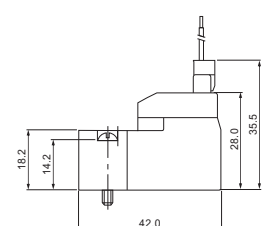
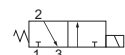
JSV20-DP-SD- **
Normally Closed 常闭



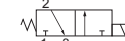
Sealing Area
密封区



JSV20-DP-SM- **
Normally Closed 常闭

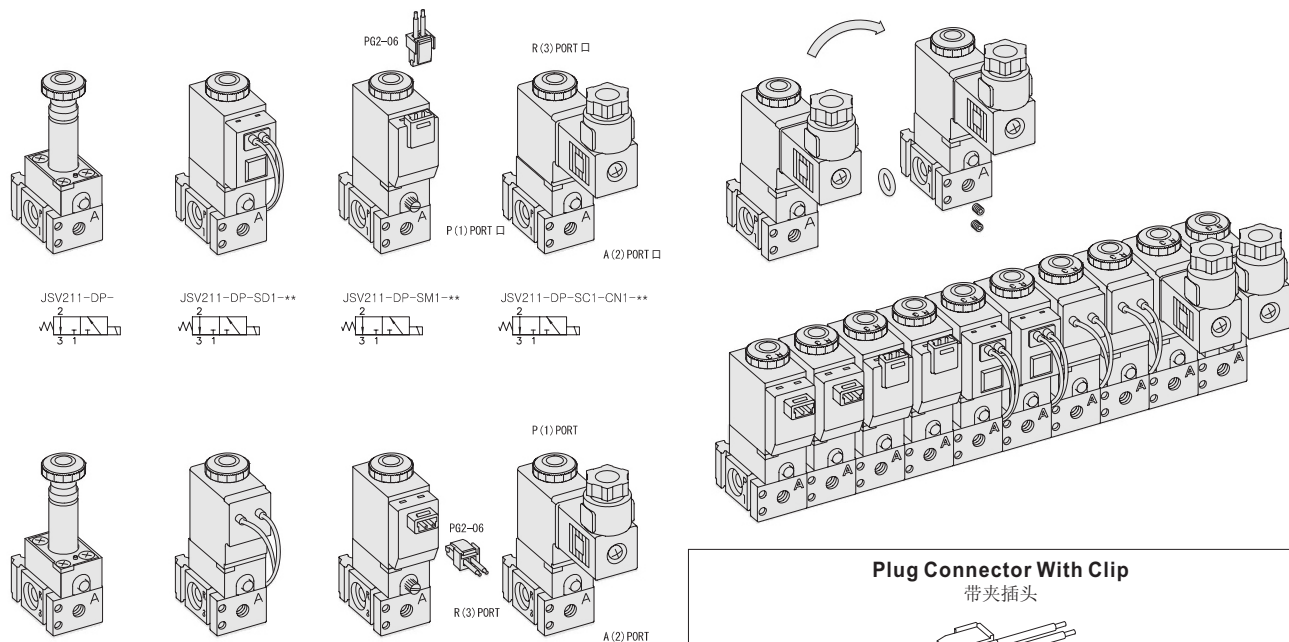


JSV20-DP-SL- **
Normally Closed 常闭

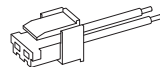


Solenoid Valves电磁阀

☐3/2-Direct Operation Type(3/2-直动型) ☐High Durability(高耐用性) ☐Orifice(孔径) $\Phi 1.1\text{mm}$

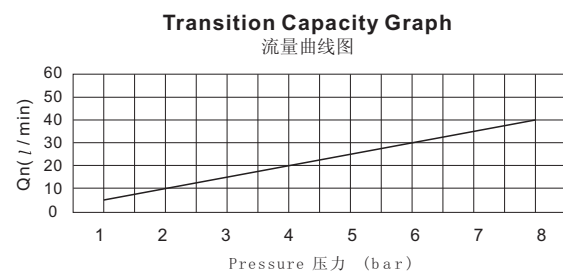


Plug Connector With Clip 带夹插头



Ordering Code 订购代号
PG2-06 (L : 600mm)
PG2-10 (L : 1.000mm)

The specification on each item can be amended without any prenotice to improve a performance.
The specification on each item can be different from actual specification.
对产品性能的改善, 不会预先通知。 规格描述可能与实际规格不完全相同。



The Material of Parts

部件材质

- | | |
|--|----------------|
| ■ Valve Body : Aluminium | ■ 阀体 : 铝 |
| ■ Pilot Parts : Glass Filled Nylon | ■ 先导部件 : 尼龙 |
| ■ Pilot Plate : Zinc Pressure Die-Cast | ■ 先导板 : 压铸锌 |
| ■ Spring : Stainless | ■ 弹簧 : 不锈钢 |
| ■ Seals : NBR | ■ 密封 : NBR |
| ■ Armature : Stainless Steel | ■ 铁芯 : 不锈钢 |
| ■ Armature Seals : Viton | ■ 铁芯密封 : Viton |

ORDERING CODE 订购代号

JSV2 1 1 - D P - SC1 - CN1 - A2

Valve Series 阀系列	Function 功能	Pilot Size & Thread 接口规格	Pilot Source 先导形式	Manual Operator 手动操作	Solenoid Coil Type 线圈形式	Connector Type 连接形式	Voltage 电压
JSV2: Solenoid Valve 电磁阀	1 3/2 Normally Closed Spring Return 常闭,弹簧复位	1 M5 x 0.8	D Direct Operated 直动式	P Push 无锁按钮 Non-Locking Override	0 None 无	0 None 无	0 None 无
	2 3/2 Normally Open Spring Return 常开,弹簧复位	2 10-32 UNF		L Lever Locking Override 带锁按钮	SC1 3 Pin Connector Coil DIN 插座 SD1 Grommet Flying Leads 直线出线 SL1 Grommet Flying Leads With LED 直接出线带灯 SM1 180 Degree Plug-In Wire Assembly With LED 180 度插头插座带灯	CN1 Normal Connector 普通型 CD1 Connector With LED 带灯 CZ1 Connector With LED & Surge Suppressor 带灯及过电压保护	A2 AC 220V A1 AC 110V A4 AC 24V D4 DC24V D2 DC12V

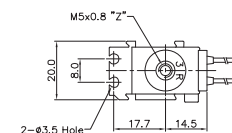
** : See Page 97 ** : 见 9 7 页

** : See Page 95 ** : 见 9 5 页

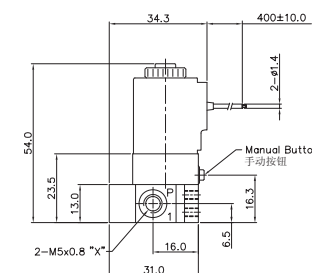
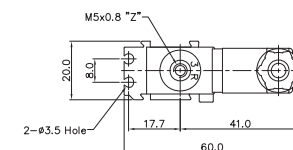


SPECIFICATION 规格

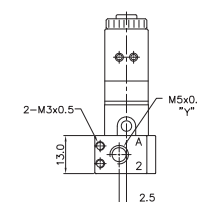
	SERIES 系列	JSV211	JSV221
ITEM 项目	FUNCTION 功能	3/2-N.C 常闭	3/2-N.O 常开
Fluids 流体		Compressed Air 压缩空气	
Pressure(bar) 压力		0 ~ 8.0	
Orifice(mm) 孔径		P = $\varnothing$ 1.1 R = $\varnothing$ 1.2	P = $\varnothing$ 1.2, R = $\varnothing$ 1.1
Ambient & Fluid Temp. 环境及流体温度		5 ~ 60°C(41 ~ 140°F)	
Response Time(5bar) 响应时间		20ms or less 20ms或少于	
Max. Working Frequency 最大工作频率		8c/sec 8次 / 秒	
Lubrication 润滑		Not Required (Use ISO VG32#) 不需要 (或用 I S O V G 3 2 #)	
Manual Override 手动操作		Push Button(Standard), Lever Lock(option) 按钮(标准), 旋钮(可选)	
Coil insulation Class 线圈绝缘等级		F-Class or Equivalent F级或相应	
Permissible Voltage Variation 允许电压范围		±10% of Rated Voltage 额定电压	
Power Consumption 耗电量		AC :3.5VA(60Hz) / DC : 2.5W	



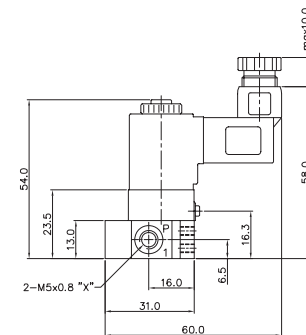
PORT 口	TYPE 类型	N.C 常闭	N.O 常开
X		P(1)	R(3)
Y		A(2)	A(2)
Z		R(3)	P(1)



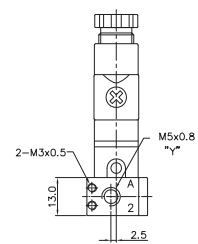
JSV211-DP-SG1-**-
Normally Closed 常闭



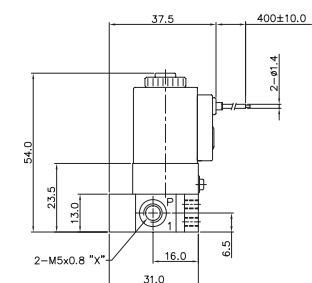
JSV221-DP-SG1-***
Normally Open 常开



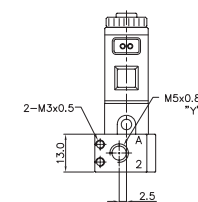
JSV211-DP-SC1-CN1-***
Normally Closed 常闭



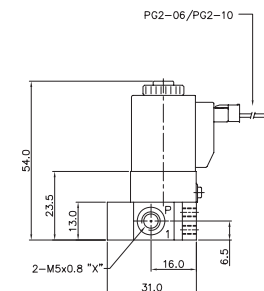
JSV221-DP-SC1-CN1-**
Normally Open 常开



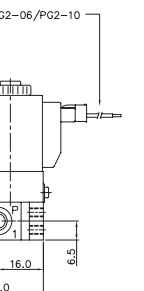
JSV211-DP-SD1-***
Normally Closed 常闭



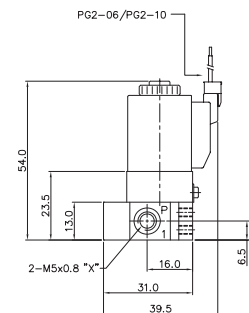
JSV221-DP-SD1-***
Normally Open 常开



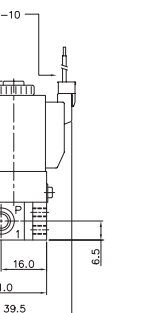
JSV211-DP-SL1-
Normally Closed 常



JSV221-DP-SL1-*



JSV211-DP-SM1-***
Normally Closed 常闭

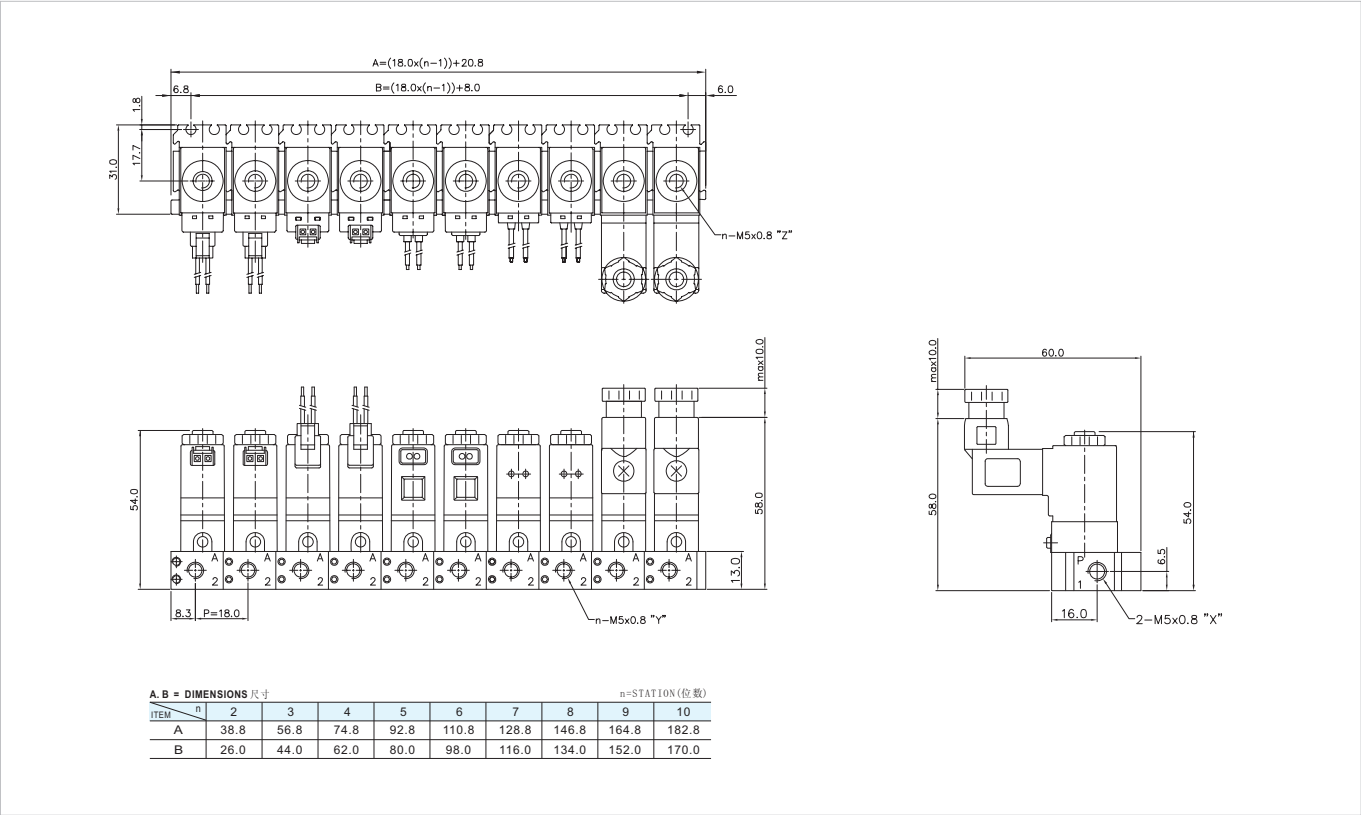


JSV221-DP-SM1-*

Normally Open 常开

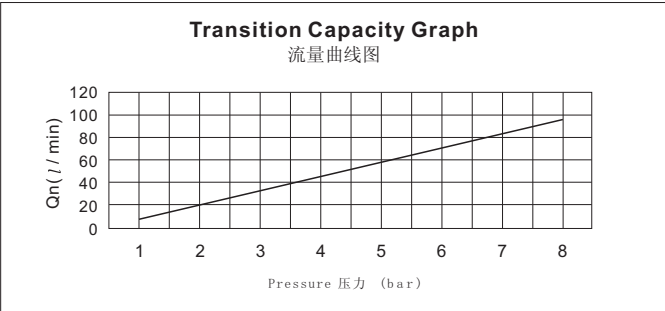
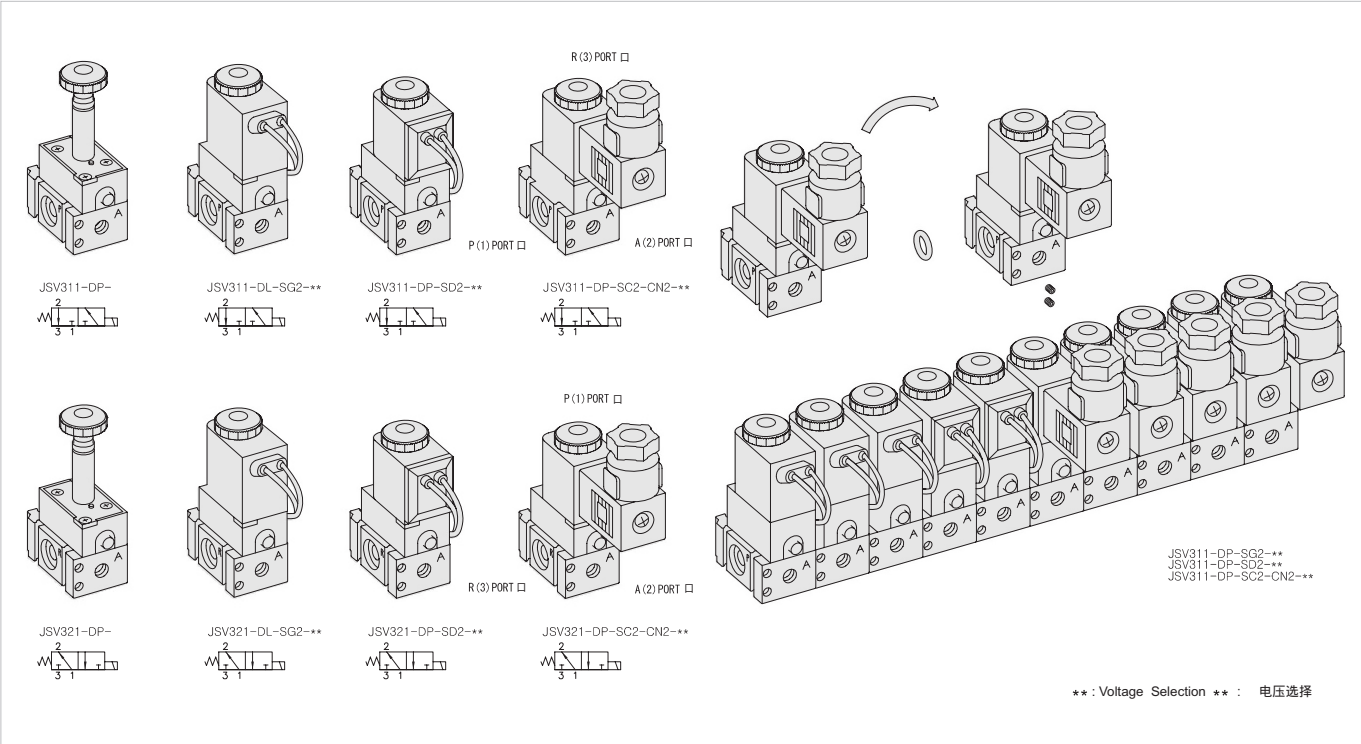
JSV200. M5 Direct Actuated直动型

Solenoid Valves电磁阀



JSV300. 1/8 Direct Actuated直动型

Solenoid Valves电磁阀



The Material of Parts	
部件材质	
Valve Body : Aluminium	阀体: 铝
Pilot Parts : Glass Filled Nylon	先导部件: 尼龙
Pilot Plate : Zinc Pressure Die-Cast	先导板: 压铸锌
Spring : Stainless	弹簧: 不锈钢
Seals : NBR	密封: NBR
Armature : Stainless Steel	铁芯: 不锈钢
Armature Seals : Viton	铁芯密封: Viton

The specification on each item can be amended without any prenotice to improve a performance. The specification on each item can be different from actual specification. 对产品性能的改善，不会预先通知。规格描述可能与实际规格不完全相同。

ORDERING CODE 订购代号

Valve Series		Function		Port size & Thread		Pilot Source		Manual Operator		Solenoid Coil Type		Connector Type		Voltage	
JSV3:		1		1		D		P		0		0		0	
Solenoid Valve 电磁阀		2		2		D		L		SG2		CD2		A1	
		3		3		D		P		SD2		CZ2		A4	
		4		4		D		P		SD2		CZ2		D4	
		5		5		D		P		SD2		CZ2		D2	
		6		6		D		P		SD2		CZ2		D2	
		7		7		D		P		SD2		CZ2		D2	
		8		8		D		P		SD2		CZ2		D2	
		9		9		D		P		SD2		CZ2		D2	
		10		10		D		P		SD2		CZ2		D2	

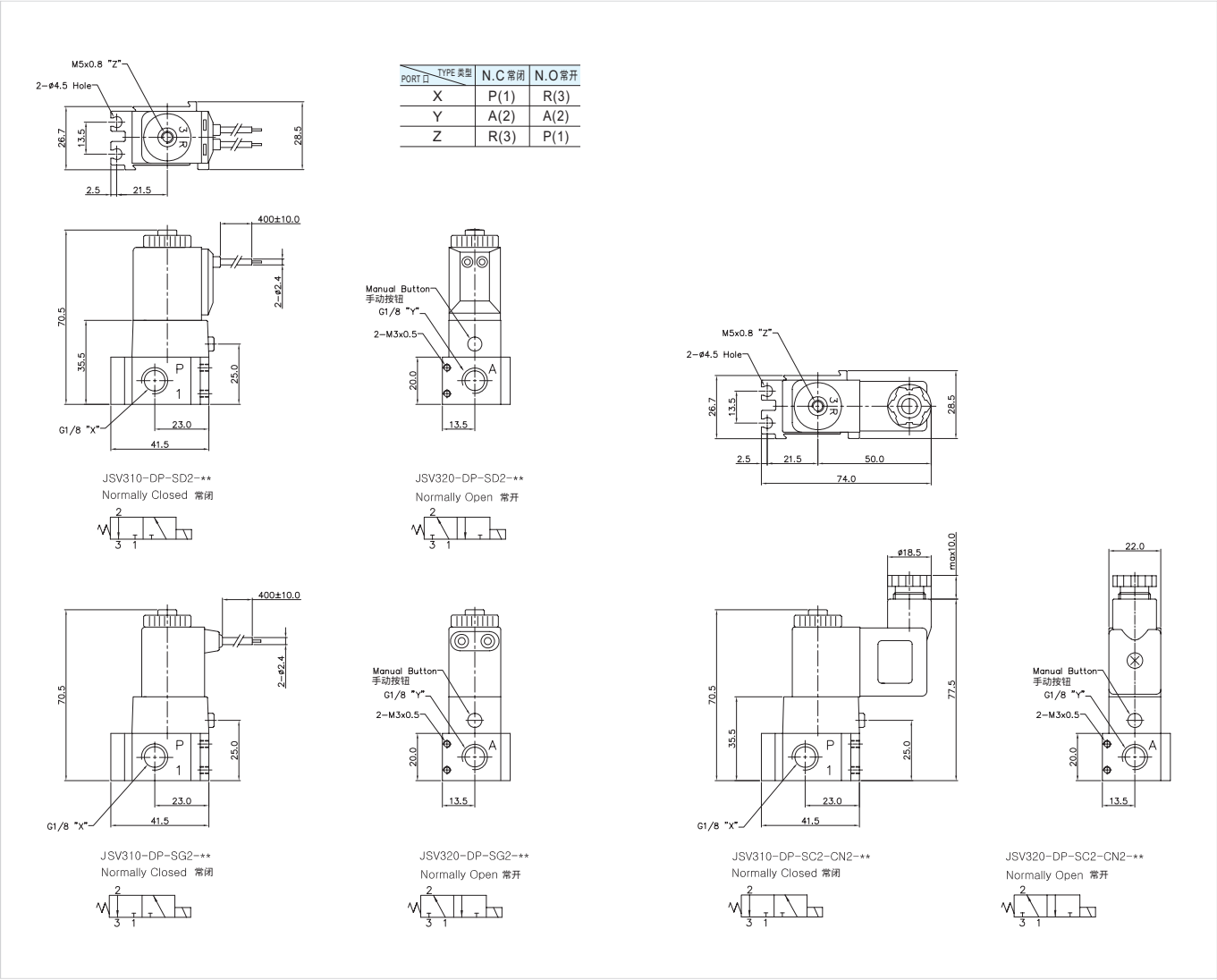
JSV300. 1/8 Direct Actuated 直动型

Solenoid Valves电磁阀

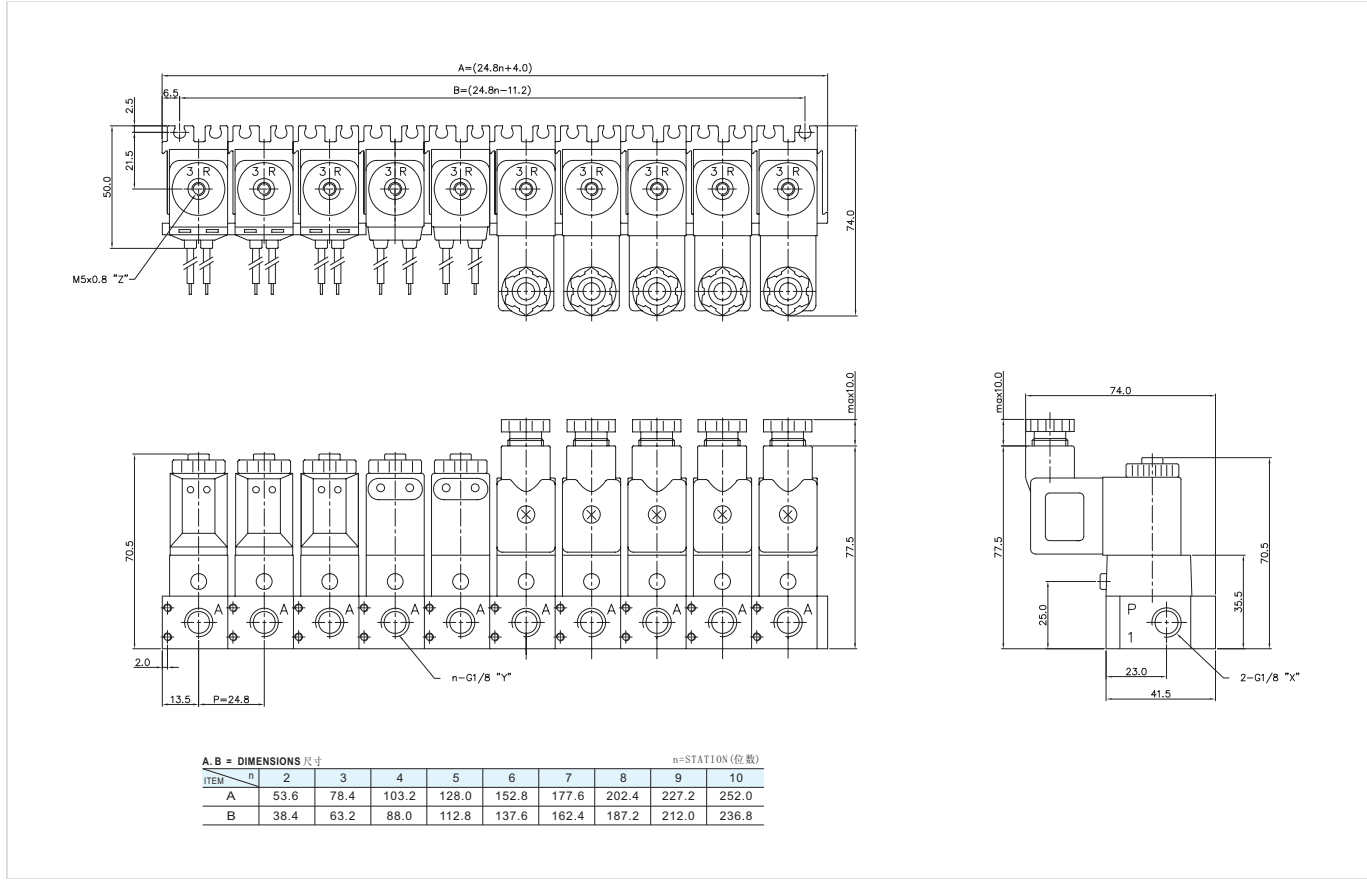
□3/2-Direct Operation Type(3/2直动型) □High Durability(高耐用性) □Orifice(孔径) Φ1.5mm

SPECIFICATION 规格

SERIES 系列		JSV311	JSV321
ITEM 项目	FUNCTION 功能	3/2-N.C 常闭	3/2-N.O 常开
Fluids 流体		Compressed Air 压缩空气	
Pressure(bar) 压力		0~8.0	
Orifice(mm) 孔径		P= Ø1.5, R=Ø1.5	P= Ø1.5, R= Ø1.5
Ambient & Fluid Temp. 环境及流体温度		5~60°C(41~140°F)	
Response Time(5bar) 响应时间		20ms or less 20ms或少于	
Max. Working Frequency 最大工作频率		8c/sec 8次 / 秒	
Lubrication 润滑		Not Required (Use ISO VG32 #) 不需要(或用 ISO VG32 #)	
Manual Override 手动操作		Push Button(Standard), Lever Lock(Option) 按钮(标准), 旋钮(可选)	
Coil insulation Class 线圈绝缘等级		F-Class or Equivalent F级或相应	
Permissible Voltage Variation 允许电压范围		±10% of Rated Voltage 额定电压	
Power Consumption 耗电量		AC : 3.5VA(60Hz)/DC : 2.5W	

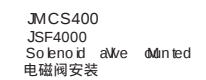
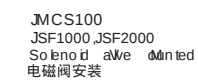


JIS P

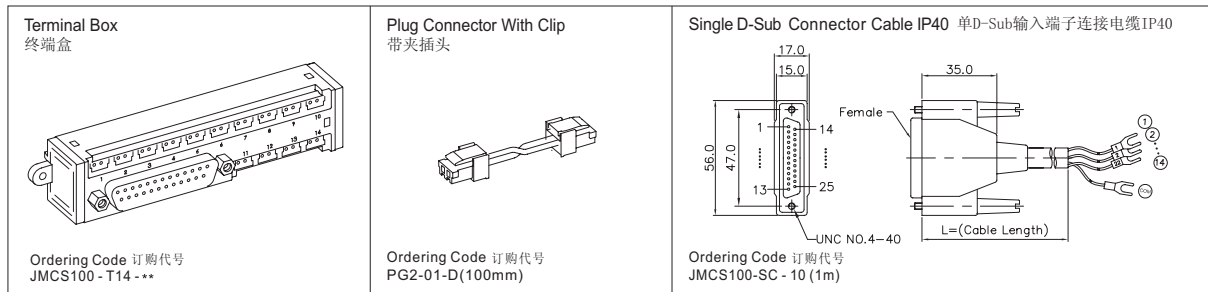
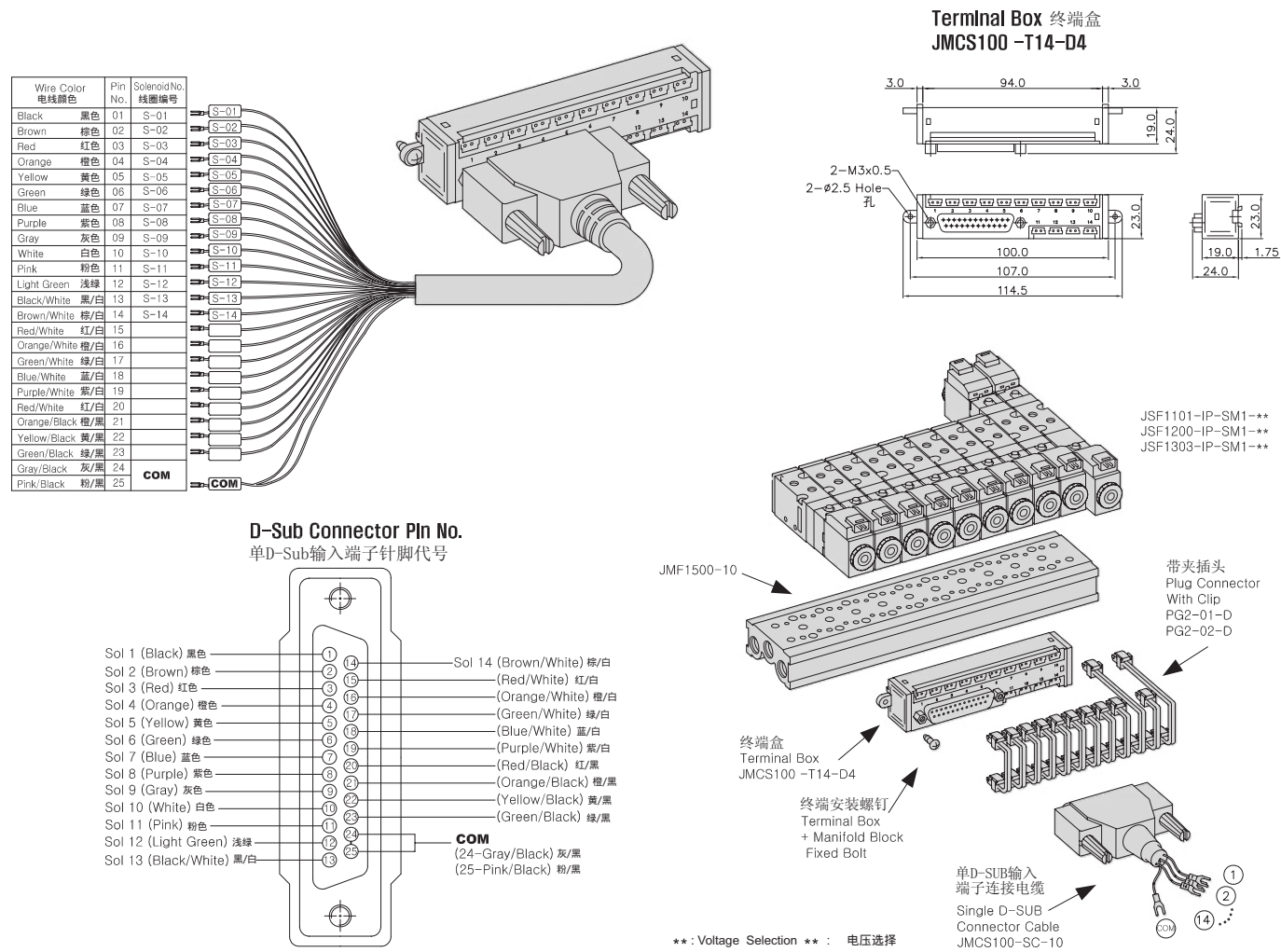
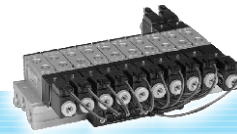


Multi Connector System (JSF Series Solenoid Valve Mounted)

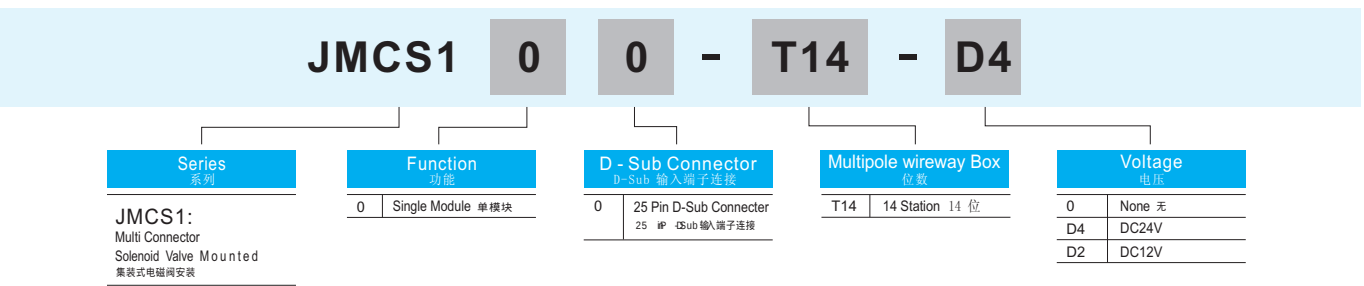
CHAPTER 08 第8章



- ☐ JMCS100
- ☐ JMCS200
- ☐ JMCS400

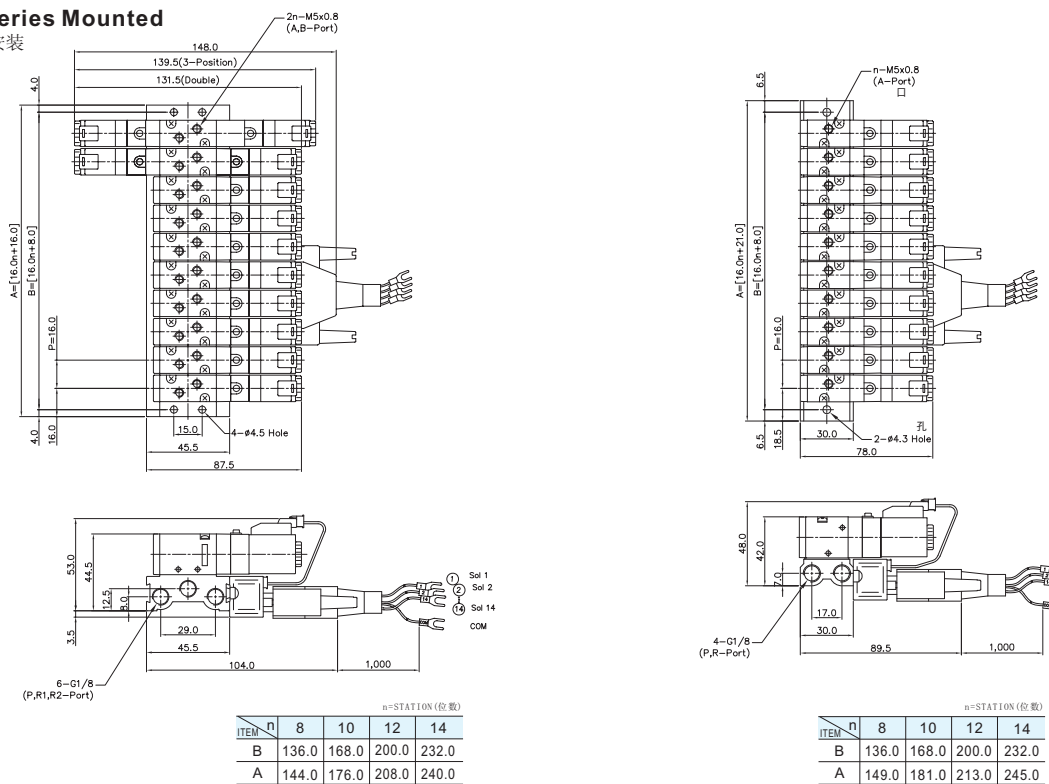


ORDERING CODE 订购代号



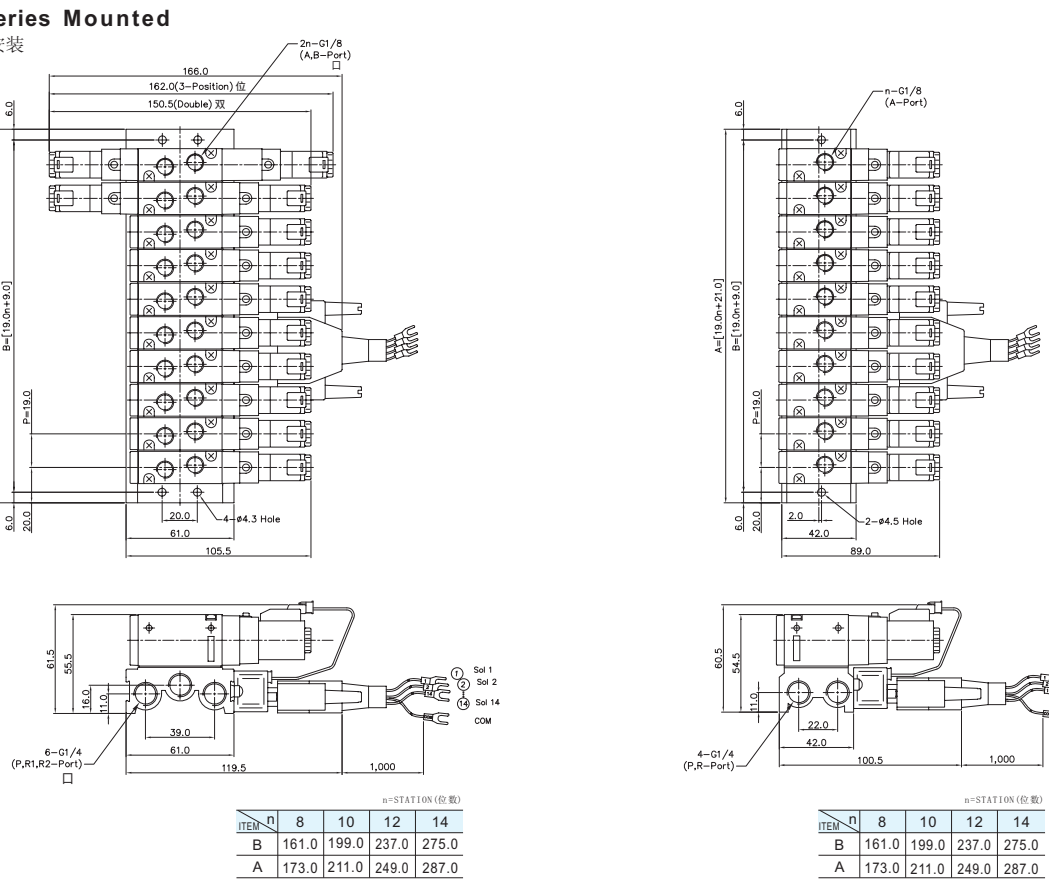
JSF1000 Series Mounted

JSF1000 系列安装



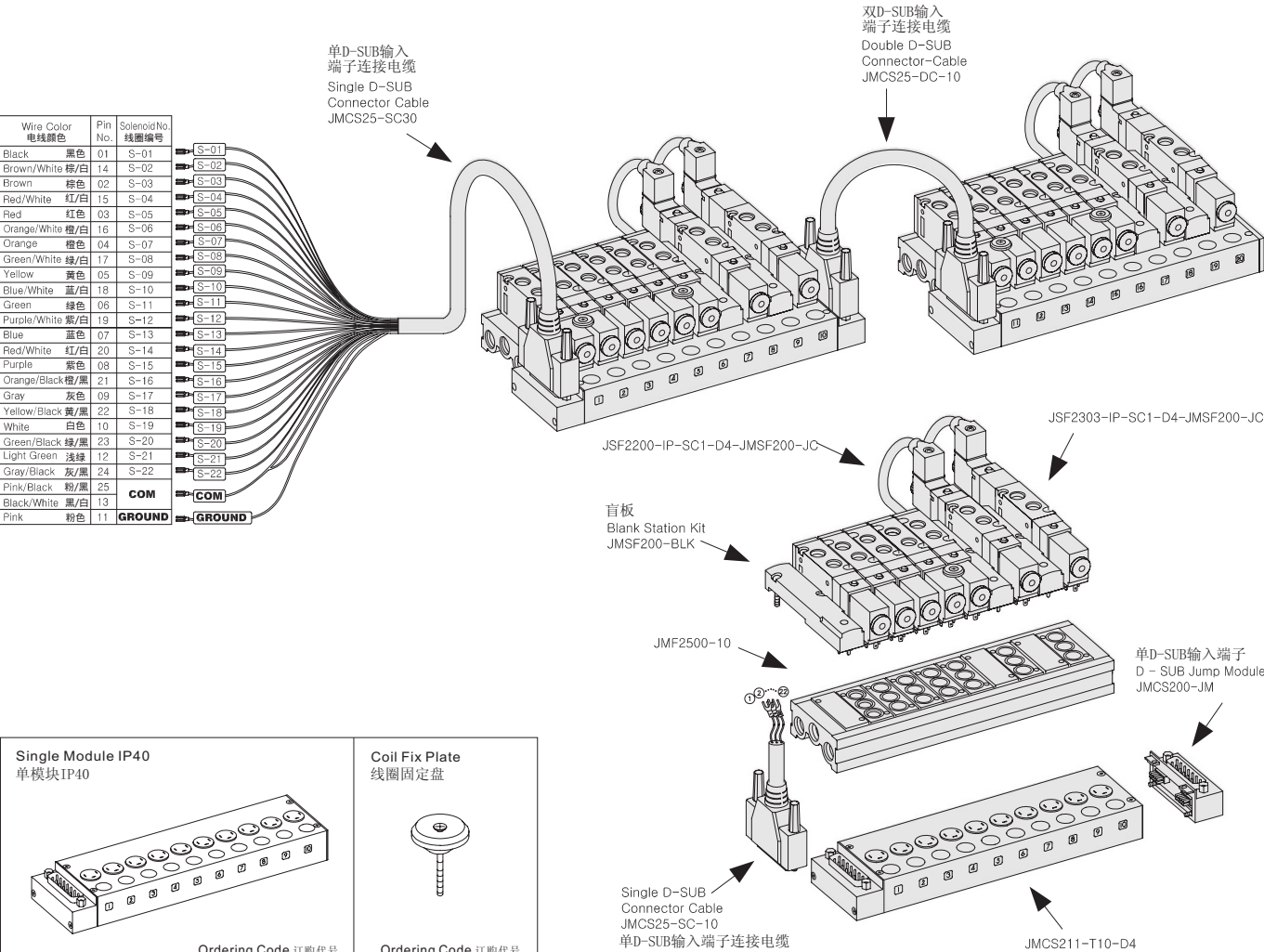
JSF2000 Series Mounted

JSF2000 系列安装



JMCS200 Multi Connector System 集装式系统

JSF2000 Solenoid Valve Mounted JSF2000 电磁阀安装

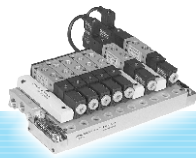


Single Module IP40 单模块IP40	Coil Fix Plate 线圈固定盘
Ordering Code 订购代号 JMCS211-T10-D4	Ordering Code 订购代号 JMCS200-CP
Double Module IP40 双模块IP40	D-Sub Jump Module IP40 (Material: Zinc) 单D-SUB输入端子连接电缆
Ordering Code 订购代号 JMCS221-T10-D4	Ordering Code 订购代号 JMCS200-JM
Single D-Sub Connector Cable IP40 单D-SUB输入端子连接电缆	Double D-Sub Connector Cable IP40 双D-SUB输入端子连接电缆
Ordering Code 订购代号 JMCS25-SC-10 (1m) JMCS25-SC-30 (3m) JMCS25-SC-50 (5m) JMCS25-SC-100 (10m)	Ordering Code 订购代号 JMCS25-DC-05 (0.5m) JMCS25-DC-10 (10m)
Blank Station kit 盲板 (Material: Zinc) 材质: 锌	Jump Connector Kit IP40 跳线连接配件
Ordering Code 订购代号 JMSF200-BLK	Ordering Code 订购代号 JMSF200-JC

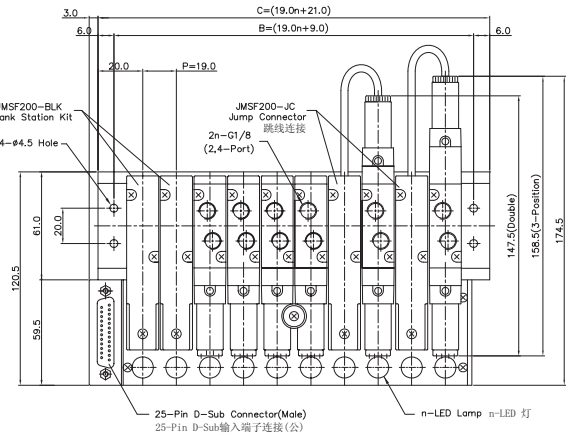
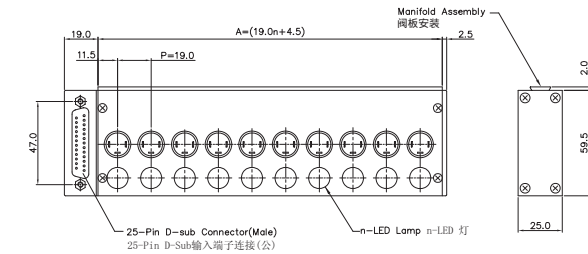
ORDERING CODE 订购代号

JMCS2 1 1 - T04 - D4

Series 系列	Function 功能	D-Sub Connector D-Sub 输入端子连接	Multipole Wireway Box 位数	Voltage 电压
JMCS2: JSF2000-1/8-5Port Solenoid Valve Ass'y 电磁阀安装	0 None 无	0 None 无	0 None 无	0 None 无
	1 Single Module 单模块	1 25 Pin D-Sub Connector	T04 4 Station 4位	D4 DC24V
	2 Double Module 双模块	2 25 Pin D-Sub Connector	T06 6 Station 6位	D2 DC12V
			T08 8 Station 8位	
			T10 10 Station 10位	
			T12 12 Station 12位	
			T14 14 Station 14位	



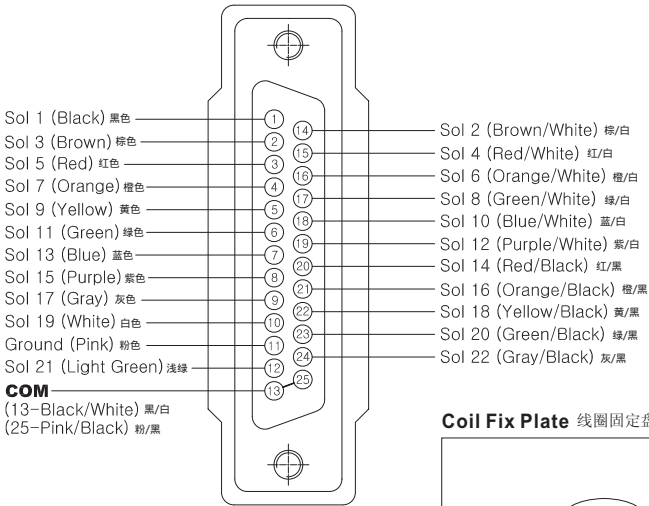
JMCS211-T10-D4



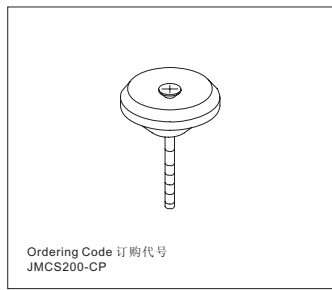
ITEM	n	n=STATION (位数)					
		4	6	8	10	12	14
A	80.5	118.5	156.5	194.5	232.5	270.5	
B	85.0	123.0	161.0	199.0	237.0	275.0	
C	97.0	135.0	173.0	211.0	249.0	287.0	

D-Sub Connector Pin NO.

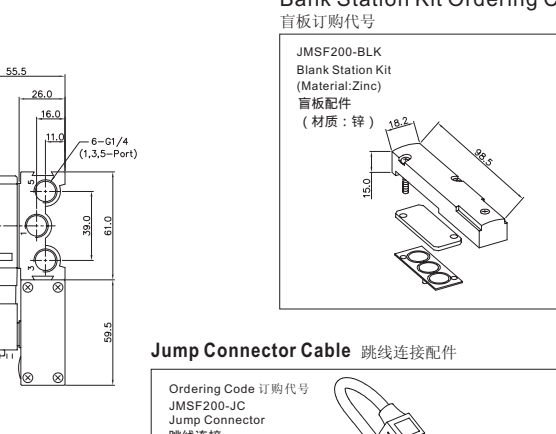
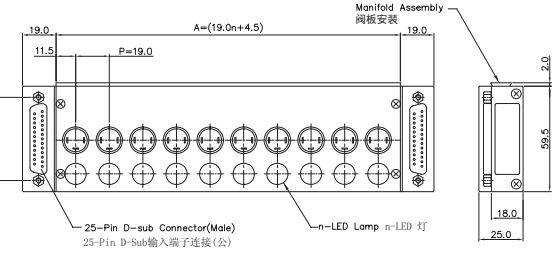
单D-Sub输入端子连接针脚代号



Coil Fix Plate 线圈固定盘

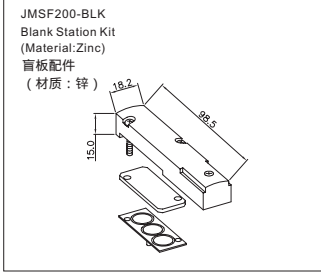


JMCS221-T10-D4

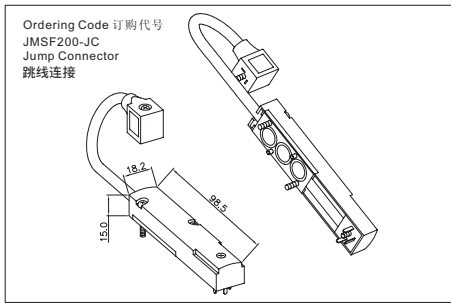


Bank Station Kit Ordering Code

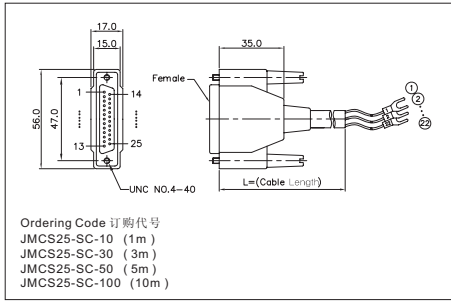
盲板订购代号



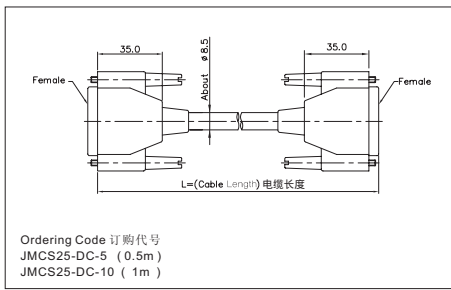
Jump Connector Cable 跳线连接配件



Single D-Sub Connector Cable 单D-Sub输入端子连接电缆

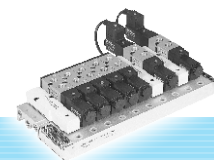


Double D-Sub Connector Cable 双D-Sub输入端子连接电缆

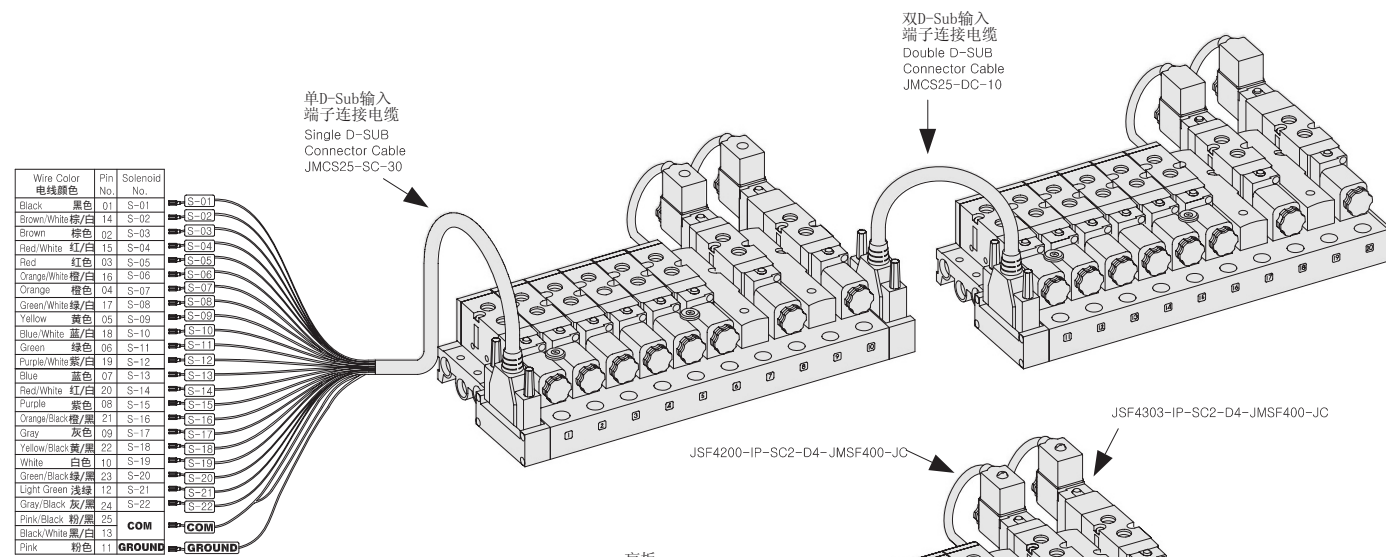


JMCS400 Multi Connector System 集装式系统

JSF4000 Solenoid Valve MOUNTED JSF4000 电磁阀安装



JISP



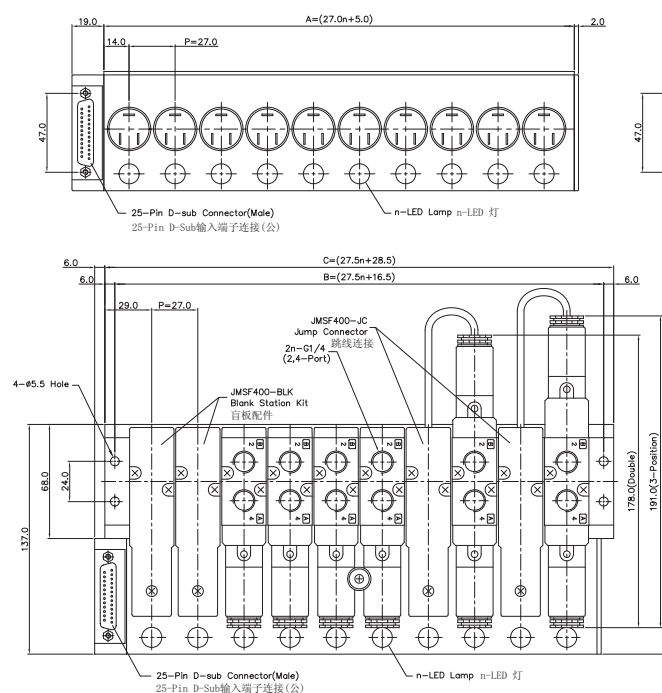
Single Module IP40 单模块IP40 Ordering Code 订购代号 JMCS411-T10-D4	Coil Fix Plate 线圈固定盘 Ordering Code 订购代号 JMCS200-CP				
Double Module IP40 双模块IP40 Ordering Code 订购代号 JMCS221-T10-D4	D-Sub Jump Module IP40 (Material: Zinc) 单D-Sub输入端子 Ordering Code 订购代号 JMCS400-JM	Single D-Sub Connector Cable IP40 单D-Sub输入端子连接电缆 Ordering Code 订购代号 JMCS25-SC-10(1m) JMCS25-SC-30(3m) JMCS25-SC-50(5m) JMCS25-SC-100(10m)	Double D-Sub Connector Cable IP40 双D-Sub输入端子连接电缆 Ordering Code 订购代号 JMCS25-DC-05(0.5m) JMCS25-DC-10(1m)	Blank Station kit 盲板配件 (Material: Zinc) 材质: 锌 Ordering Code 订购代号 JMSF400-BLK	Jump Connector Kit IP40 跳线连接配件 Ordering Code 订购代号 JMSF400-JC

ORDERING CODE 订购代号

JMCS4 1 1 - T04 - D4

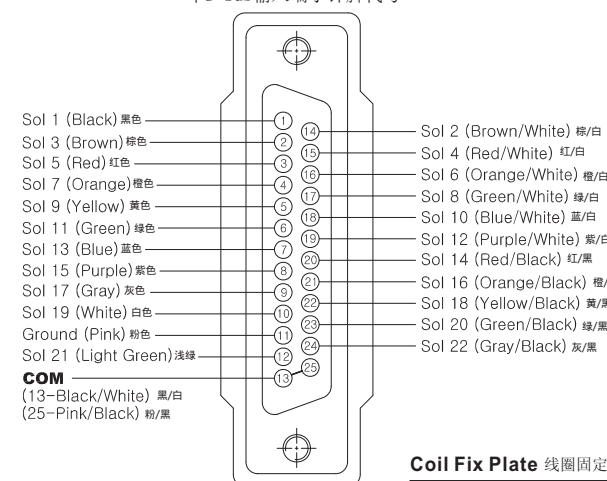
Series 系列	Function 功能	D - Sub Connector D-Sub 输入端子连接	Multipole Wireway Box 位数	Voltage 电压
JMCS4: JSF4000-1/4-5Port □ Solenoid Valve Ass'y 电磁阀安装	0 None 无	0 None 无	0 None 无	0 None 无
	1 Single Module 单模块	1 25 Pin D-Sub Connector 25 Pin D-Sub 输入端子连接	T04 4Station 4位	D4 DC24V
	2 Double Module 双模块		T06 6Station 6位	D2 DC12V
			T08 8Station 8位	
			T10 10Station 10位	
			T12 12Station 12位	
			T14 14Station 14位	

JMCS411-T10-D4

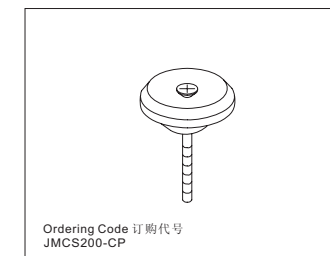


		n=STATION (位数)					
ITEM	n	4	6	8	10	12	14
A	113.0	167.0	221.0	275.0	329.0	383.0	
B	126.5	181.5	236.5	291.5	346.5	401.5	
C	138.5	193.5	248.5	303.5	358.5	413.5	

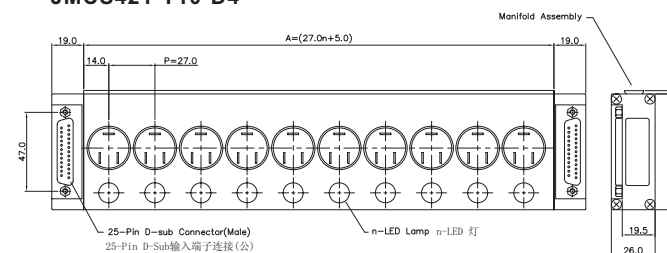
D-Sub Connector Pin NO. 单D-Sub输入端子针脚代号



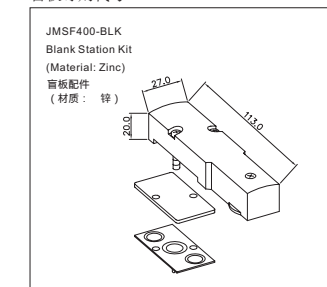
Coil Fix Plate 线圈固定盘



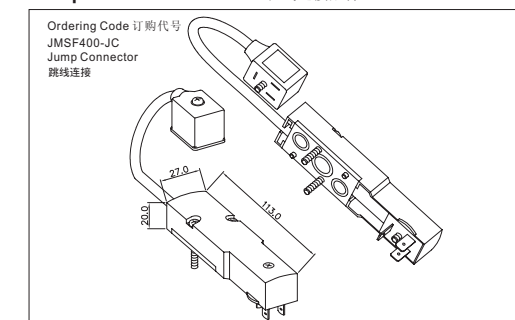
JMCS421-T10-D4



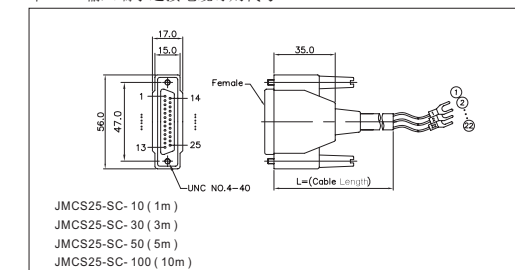
Blank Station Kit Ordering Code 盲板订购代号



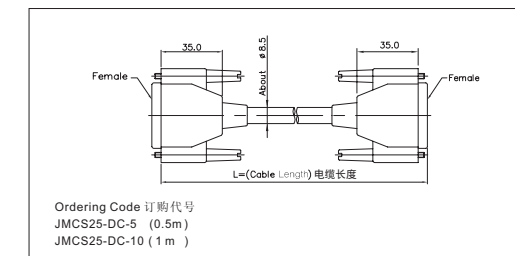
Jump Connector Cable 跳线连接配件



Single D-Sub Connector Cable Ordering Code 单D-Sub输入端子连接电缆订购代号



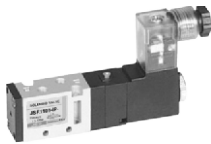
Double D-Sub Connector Cable 双D-Sub连接电缆



JISFP

JSE Series
5/2, 5/3, 3/2 Solenoid, Pneumatic Valve
5/2, 5/3, 3/2 电磁、气动阀

CHAPTER 09第9章



JSF1000
Body W/h (本宽度)-15mm
Thread (螺接口)-M5



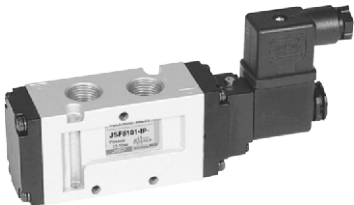
JSF2000
Body W/h (本宽度)-18mm
Thread (螺接口)-1/8



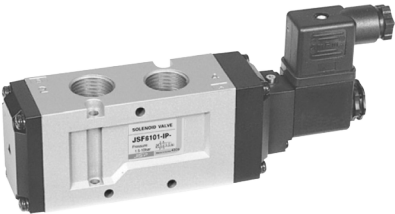
JSF3000
Body W/h (本宽度)-23mm
Thread (螺接口)-1/8



JSF4000
Body W/h (本宽度)-26mm
Thread (螺接口)-1/4



JSF5000
Body W/h (本宽度)-32mm
Thread (螺接口)-3/8



JSF6000
Body W/h (本宽度)-36mm
Thread (螺接口)-1/2

- ☐ JSF1000
- ☐ JSF2000
- ☐ JSF3000
- ☐ JSF4000
- ☐ JSF5000
- ☐ JSF6000

JSF1000. M5 Series
Solenoid / Pneumatic Valves电磁/气动阀

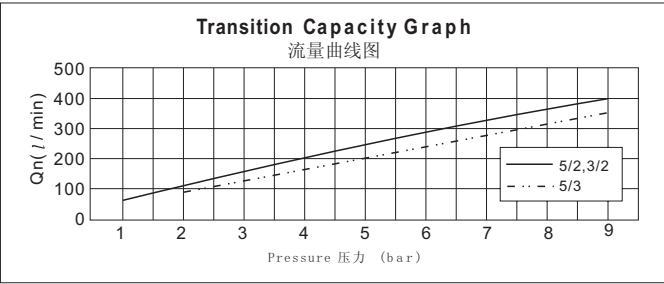
□5/2, 5/3, 3/2-M5 □15mm Body Width (15mm本体宽度)

Plug Connector With Clip
带夹插头

Ordering Code 订购代号
PG2-06(L : 600mm)
PG2-10(L : 1.000mm)

The specification on each item can be amended without any prennotice to improve a performance.
The specification on each item can be different from actual specification.
对产品性能的改善, 不会预先通知。 规格描述可能与实际规格不完全相同。

***: Voltage Selection *** : 电压选择



The Material of Parts
部件材质

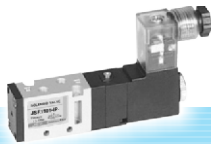
- Valve Body : Die-Cast Aluminium
- Spool : Aluminium
- Seals : NBR
- Spring : Stainless
- Cap : Zinc Pressure Die-Cast
- Pilot Parts : Glass Filled Nylon
- Armature : Stainless Steel
- Armature Seals : Viton

- 阀体: 压铸铝
- 阀芯: 铝
- 密封: NBR
- 弹簧: 不锈钢
- 帽: 压铸铝
- 先导部件: 尼龙
- 铁芯: 不锈钢
- 铁芯密封: Viton

ORDERING CODE 订购代号

Valve Series 阀系列	Function 功能	Port Size&Thread 接口螺纹	Return Method 复位方式	Int/Ext. Pilot 内/外部先导	Manual Operator 手动操作	Solenoid Coil Type 线圈形式	Connector Type 连接形式	Voltage 电压
JSF1 : Solenoid Valve 电磁阀	1 5/2 Single 单线阀	0 M5×0.8	0 None 无	I Internal Pilot 内部先导	0 None 无	0 None 无	0 None 无	0 None 无
	2 5/2 Double 双线阀	1 10-32 UNF	1 Air+Spring 气+弹簧		P Push Non-Locking 无锁按钮	SC1 3 Pin Connector Coil DIN 插座	CN1 Normal Connector 普通式	A2 AC 220V
	3 5/3 Closed Center 中封式		2 Air 气		L Lever Locking 带锁旋转	SG1 Grommet/Flying Leads 直线出线	CD1 Connector With LED 带灯	A1 AC 110V
JSFP1 : Pneumatic Valve 气动阀	4 5/3 Exhaust Center 中泄式		3 Spring 弹簧			SD1 Grommet/Flying Leads With LED 直接出线带灯	CZ1 Connector With LED & Surge Suppressor 带灯过电压保护	A4 AC 24V
	5 5/3 Pressure Center 中压式					SL1 90 Degree Plug-in Wire Assembly With LED 90 度群夹插座带灯		D4 DC 24V
	6 3/2 Normally Closed 常闭					SM1 180 Degree Plug-in Wire Assembly With LED 180 度群夹插座带灯		DC 12V
	7 3/2 Normally Open 常开							

***: See Page 95 *** : 见 9 5 页



JIS P

SPECIFICATION 规格

ITEM 项目	FUNCTION 功能	SOLENOID, PNEUMATIC 电磁, 气动	
		5, 3 Port 2 Position 5, □ 2位	5 Port 3 Position 5 □ 位
Fluids 流体		Compressed Air 压缩空气	
Pressure(bar) 压力		1.5 ~ 10.0	2.0 ~10.0
Eff. Section Area(mm ²)- 5bar 有效截面积		3.6	3.0
Ambient & Fluid Temp. 环境及流体温度		5 ~ 60°C(41 ~140°F)	
Response Time(5bar) 响应时间		25ms or Less 25ms或少于	35ms or Less 35ms或少于
Max. Working Frequency 最大工作频率		5c/sec 5次 / 秒	3c/sec 3次 / 秒
Lubrication 润滑		Not Required(Use ISO VG32 #) 不需要 (或用 I S O # ¥ G 3 2	
Manual Override 手动操作		Push Button(Standard), Lever Lock(Option) 按钮(标准), 旋钮(可选)	
Coil Insulation Class 线圈绝缘等级		F-Class or Equivalent F级或相应	
Permissible Voltage Variation 允许电压范围		± 10% of Rated Voltage 额定电压	
Power Consumption 耗电量		AC:3.5VA(60Hz) / DC:2.5W	

5Port 2Position Solenoid Valve

5口2位电磁阀

Single Solenoid 单线圈

JSF1101-IP-SC1-CN1-***

2-M5x0.8 (2,4-Port)

max10.0

15.0

11.0

10.0

2-#2.8 Hole

90.5

max10.0

23.0

20.0

3.0

15.5

10.0

2-#2.8 Hole

86.0

10.0

21.0

3-M5x0.8 (1,3,5-Port)

max10.0

140.0

max10.0

52.0

131.0

138.8(3-Position) 位

39.7

139.5(3-Position) 位

14.0

8.5

2-#2.8 Hole (Manifold Hole)

16.5

M5x0.8(2-Port)

400x10.0

2-#1.4

78.0

12.5

11.0

2-M5x0.8(1,3-Port)

max10.0

30.5

23.0

20.0

14.5

2.5

17.5

8.5

2-#2.8 Hole

max10.0

12.5

11.0

2-M5x0.8(1,3-Port)

5Port 2Position Pneumatic Valve

5口2位气动阀

Single Pneumatic 单头

JSFP1101

2-M5x0.8 (2,4-Port)

max10.0

15.0

11.0

10.0

2-#2.8 Hole

90.5

max10.0

23.0

20.0

3.0

15.5

10.0

2-#2.8 Hole

86.0

10.0

21.0

3-M5x0.8 (1,3,5-Port)

max10.0

140.0

max10.0

52.0

131.0

138.8(3-Position) 位

39.7

139.5(3-Position) 位

14.0

8.5

2-#2.8 Hole (Manifold Hole)

16.5

M5x0.8(2-Port)

400x10.0

2-#1.4

78.0

12.5

11.0

2-M5x0.8(1,3-Port)

max10.0

30.5

23.0

20.0

14.5

2.5

17.5

8.5

2-#2.8 Hole

max10.0

12.5

11.0

2-M5x0.8(1,3-Port)

max10.0

5Port 3Position Pneumatic Valve

5口3位气动阀

Closed Center 中泄式

JSFP1303

2-M5x0.8 (2,4-Port)

max10.0

15.0

11.0

10.0

2-#2.8 Hole

90.5

max10.0

23.0

20.0

3.0

15.5

10.0

2-#2.8 Hole

86.0

10.0

21.0

3-M5x0.8 (1,3,5-Port)

max10.0

140.0

max10.0

52.0

131.0

138.8(3-Position) 位

39.7

139.5(3-Position) 位

14.0

8.5

2-#2.8 Hole (Manifold Hole)

16.5

M5x0.8(2-Port)

400x10.0

2-#1.4

78.0

12.5

11.0

2-M5x0.8(1,3-Port)

max10.0

30.5

23.0

20.0

14.5

2.5

17.5

8.5

2-#2.8 Hole

max10.0

12.5

11.0

2-M5x0.8(1,3-Port)

max10.0

30.5

23.0

20.0

14.5

2.5

17.5

8.5

2-#2.8 Hole

max10.0

12.5

11.0

2-M5x0.8(1,3-Port)

max10.0

30.5

23.0

20.0

14.5

2.5

17.5

8.5

2-#2.8 Hole

max10.0

12.5

11.0

2-M5x0.8(1,3-Port)

max10.0

30.5

23.0

20.0

14.5

2.5

17.5

8.5

2-#2.8 Hole

max10.0

12.5

11.0

2-M5x0.8(1,3-Port)

max10.0

30.5

23.0

20.0

14.5

2.5

17.5

8.5

2-#2.8 Hole

max10.0

12.5

11.0

2-M5x0.8(1,3-Port)

max10.0

30.5

23.0

20.0

14.5

2.5

17.5

8.5

2-#2.8 Hole

max10.0

12.5

11.0

2-M5x0.8(1,3-Port)

max10.0

30.5

23.0

20.0

14.5

2.5

17.5

8.5

2-#2.8 Hole

max10.0

12.5

11.0

2-M5x0.8(1,3-Port)

max10.0

30.5

23.0

20.0

14.5

Solenoid / Pneumatic Valves电磁/气动阀

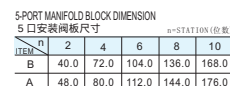
JMF1000 安装阀板

(JSF1000 Solenoid & Pneumatic Valve Use)

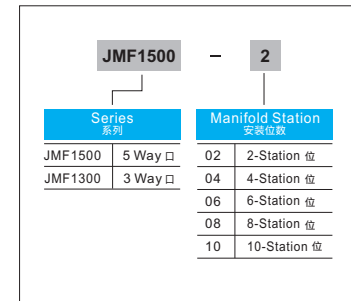
J S F 1 0 0 0 电磁&气动阀用

5-Port
Manifold Block
5口安装阀板

JMF1500-4

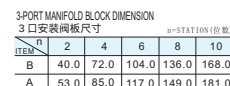


Manifold Block Ordering Code
安装阀板订购代号

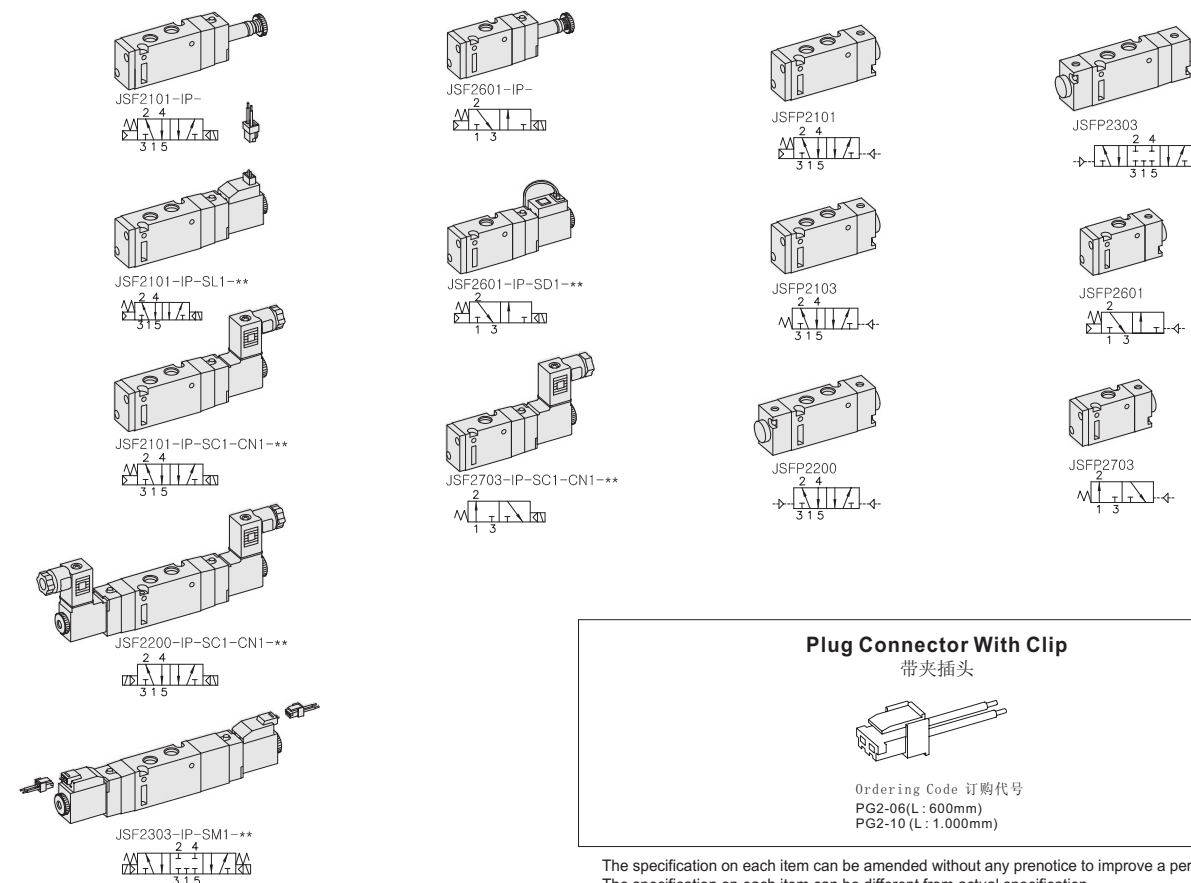


3-Port
Manifold Block
3口安装阀板

JMF1300-4

Blanking Plate Ordering Code
盲板订购代号

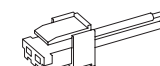
Solenoid / Pneumatic Valves电磁/气动阀



** : Voltage Selection ** : 电压选择

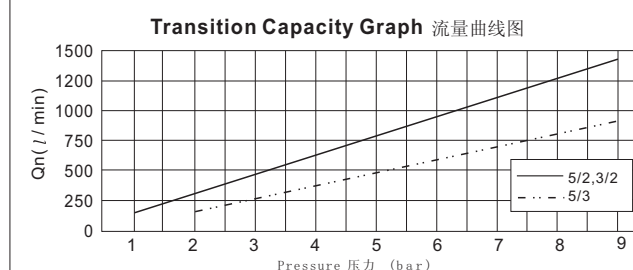
Plug Connector With Clip

带夹插头



Ordering Code 订购代号
PG2-06(L: 600mm)
PG2-10 (L: 1.000mm)

The specification on each item can be amended without any prenotice to improve a performance.
The specification on each item can be different from actual specification.
对产品性能的改善，不会预先通知。 规格描述可能与实际规格不完全相同。



The Material of Parts 部件材质

- Valve Body : Die-Cast Aluminium
- Spool : Aluminium
- Seals : NBR
- Spring : Stainless
- Cap : Zinc Pressure Die-Cast
- Pilot Parts : Glass Filled Nylon
- Armature : Stainless Steel
- Armature Seals : Viton
- 阀体 : 压铸铝
- 阀芯 : 铝
- 密封 : NBR
- 弹簧 : 不锈钢
- 帽 : 压铸锌
- 先导部件 : 尼龙
- 铁芯 : 不锈钢
- 铁芯密封 : Viton

ORDERING CODE 订购代号

JSF2 1 0 1 - I P - SC1 - CN1 - A2

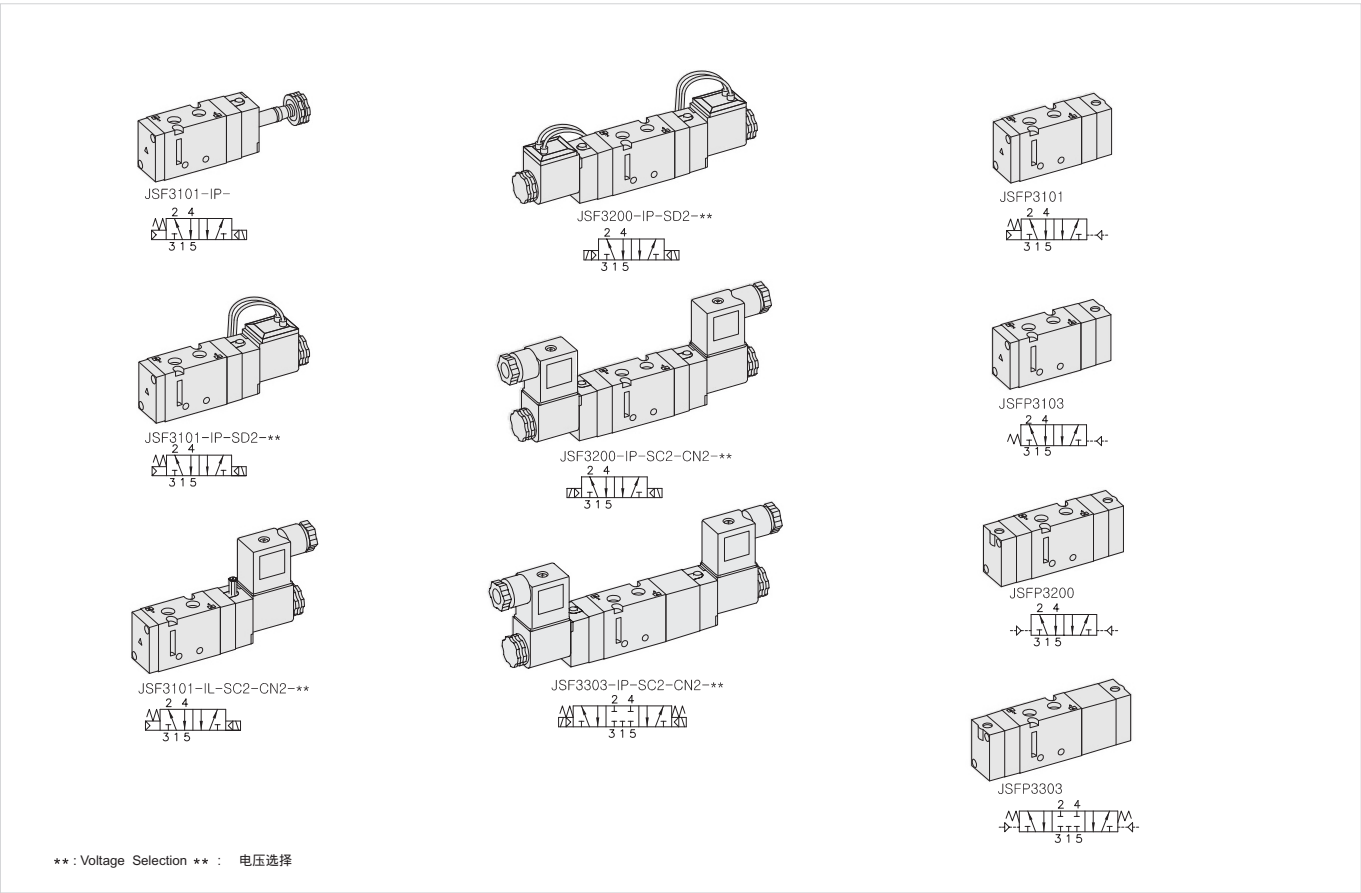
Valve Series 阀系列	Function 功能	Port Size & Thread 接口螺纹	Return Method 复位方式	Int/Ext. Pilot 内/外部先导	Manual Operator 手动操作	Solenoid Coil Type 线圈形式	Connector Type 连接形式	Voltage 电压
JSF2 : Solenoid Valve 电磁阀	1 5/2 Single 单线圈	0 G 1/8	0 None 无	I Internal Pilot 内部先导	0 None 无	0 None 无	0 None 无	0 None 无
	2 5/2 Double 双线圈	1 NPT 1/8	1 Air+Spring +/-带黄		P Push Non-Locking 无锁推杆	SC1 3 Pin Connector Coil DIN 插座	CN1 Normal Connector 普通式	A2 AC 220V
	3 5/3 Closed Center 中封式		2 Air 气		L Lever Locking 带锁旋转	SD1 Grommet/Flying Leads 直线出线	CD1 Connector With LED 带灯	A1 AC 110V
	4 5/3 Exhaust Center 中泄式		3 Spring 弹簧			SG1 Grommet/Flying Leads With LED 直接出线带灯	CZ1 Connector With LED & Surge Suppressor 带灯过电压保护	A4 AC 24V
JSFP2 : Pneumatic Valve 气动阀	5 5/3 Pressure Center 中压式				SL1 90 Degree Plug-in Wire Assembly With LED 90度插头插座带灯	SL1 90 Degree Plug-in Wire Assembly With LED 90度插头插座带灯		D4 DC24V
	6 3/2 Normally Closed 常闭				SM1 180 Degree Plug-in Wire Assembly With LED 180度插头插座带灯	SM1 180 Degree Plug-in Wire Assembly With LED 180度插头插座带灯		D2 DC12V
	7 3/2 Normally Open 常开							

★★: See Page 95 ★★: 见 95 页

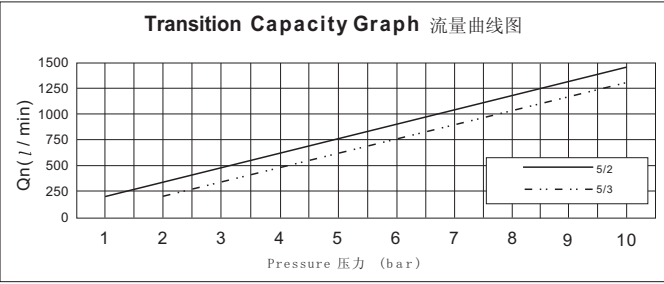
JSF3000. 1/8 Series

Solenoid / Pneumatic Valves电磁/气动阀

□5/2, 5/3-1/8 □23mm Body Width(23mm本体宽度)



** : Voltage Selection ** : 电压选择



- The Material of Parts 部件材质
- Valve Body : Die-Cast Aluminium 阀体 : 压铸铝
 - Spool : Aluminium 阀芯 : 铝
 - Seals : NBR 密封 : NBR
 - Spring : Stainless 弹簧 : 不锈钢
 - Cap : Zinc Pressure Die-Cast 帽 : 压铸锌
 - Pilot Parts : Glass Filled Nylon 先导部件 : 尼龙
 - Armature : Stainless Steel 铁芯 : 不锈钢
 - Armature Seals : Viton 铁芯密封 : Viton

The specification on each item can be amended without any prenotice to improve a performance.
The specification on each item can be different from actual specification.
对产品性能的改善, 不会预先通知。 规格描述可能与实际规格不完全相同。

ORDERING CODE 订购代号

Valve Series 阀系列	Function 功能	Pilot size & Thread 接口螺纹	Return Method 复位方式	Int. Ext. Pilot 内/外部先导	Manual Operator 手动操作	Solenoid Coil Type 线圈形式	Connector Type 连接形式	Voltage 电压
JSF3 : Solenoid Valve 电磁阀	1 5/2 Single 单线圈	0 G1/8	0 None 无	I Internal Pilot 内部先导	0 None 无	0 None 无	0 None 无	0 None 无
	2 5/2 Double 双线圈	1 NPT1/8	1 Air+Spring 气+弹簧		P Push Non-Locking 无锁按钮	SC2 3 Pin Connector Coil DIN 插座	CN2 Normal Connector 普通式	A2 AC 220V
	3 5/3 Closed Center 中封式		2 Air 气		L Lever Locking 带锁旋转	SG2 Grommet/Flying Leads 直线出线	CD2 Connector With LED 带灯	A1 AC 110V
JSFP3 : Pneumatic Valve 气动阀	4 5/3 Exhaust Center 中泄式		3 Spring 弹簧			SD2 Grommet/Flying Leads With LED 直接出线带灯	CZ2 Connector With LED & Surge Suppressor 带灯过电压保护	A4 AC 24V
	5 5/3 Pressure Center 中压式						D4 DC24V	D2 DC12V

** : See Page 95 ** : 见 9 5 页



JIS P

SPECIFICATION 规格

ITEM 项目	FUNCTION 功能	SOLENOID, PNEUMATIC 电磁 气动	
		5 Port 2 Position 5口2位	5 Port 3 Position 5口3位
Fluids 流体		Compressed Air 压缩空气	
Pressure(bar) 压力		1.5 ~ 10.0	2.0 ~ 10.0
Eff. Section Area(mm ²)- 5bar 有效截面积		13.5	11.0
Ambient & Fluid Temp. 环境及流体温度		5 ~ 60°C (41 ~ 140°F)	
Response Time(5bar) 响应时间		25ms or Less 25ms或少于	35ms or Less 35ms或少于
Max. Working Frequency 最大工作频率		5c/sec 5次 / 秒	3c/sec 3次 / 秒
Lubrication 润滑		Not Required(Use ISO VG32 #) 不需要 (或用 I S O # V G 3 2	
Manual Override 手动操作		Push Button(Standard), Lever Lock(Option) 按钮(标准), 旋钮(可选)	
Coil insulation Class 线圈绝缘等级		F-Class or Equivalent F级或相应	
Permissible Voltage Variation 允许电压范围		± 10% of Rated Voltage 额定电压	
Power Consumption 耗电量		AC:5.5VA(60Hz) / DC:2.5W	

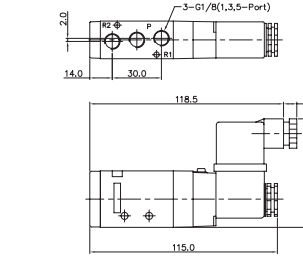
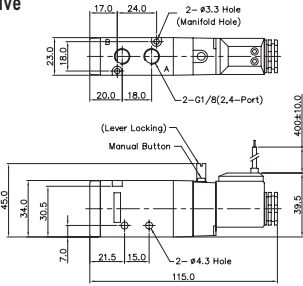
5Port 2Position Solenoid Valve

5口2位电磁阀

Single Solenoid 单线圈

JSF3101-IP-SD2-***

2 4 3 1 5



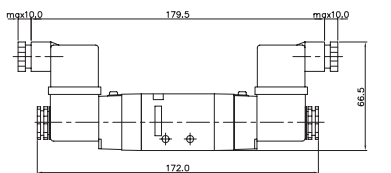
JSF3101-IP-SC2-CN2-***

2 4 3 1 5

Double Solenoid 双线圈

JSF3200-IP-SC2-CN2-***

2 4 3 1 5



5Port 3Position Solenoid Valve

5口3位电磁阀

Closed Center 中封式

JSF3303-IP-SC2-CN2-***

2 4 3 1 5

2 4 3 1 5

2 4 3 1 5

2 4 3 1 5

2 4 3 1 5

2 4 3 1 5

2 4 3 1 5

2 4 3 1 5

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2 4 3 1 5

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2 4 3 1 5

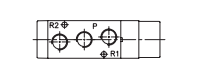
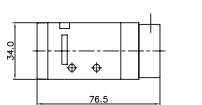
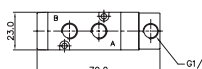
5Port 2Position Pneumatic Valve

5口2位气动阀

Single Pneumatic 单头

JSFP3101

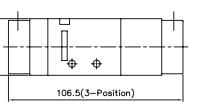
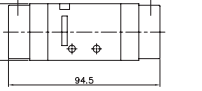
2 4 3 1 5



Double Pneumatic 双头

JSFP3200

2 4 3 1 5



5Port 3Position Pneumatic Valve

5口3位气动阀

Closed Center 中封式

JSFP3303

2 4 3 1 5

Exhaust Center 中泄式

JSFP3403

2 4 3 1 5

Pressure Center 中压式

JSFP3503

2 4 3 1 5