

# 第六章 Chapter 6

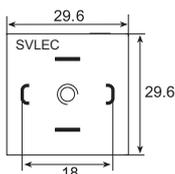
## 阀插头 Valve plug



6.1 单端预铸线束 With open ended wires

6.2 双端预铸线束 Connection cable

### 单端预铸线束 With open ended wires 针形排列 Valve diagram

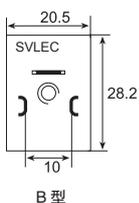


电磁阀连接器 Valve plug MSUD

A 型: 针距 18 mm  
Form A: pin spacing 18 mm



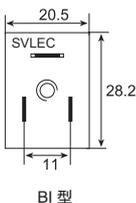
页次 page 6.1.1



电磁阀连接器 Valve plug MSUD

B 型: 针距 10 mm  
Form B: pin spacing 10 mm

B 型

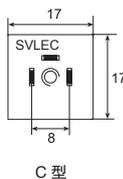


电磁阀连接器 Valve plug MSUD

BI 型: 针距 11 mm  
Form BI: pin spacing 11 mm

BI 型

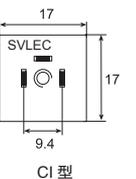
页次 page 6.1.4



电磁阀连接器 Valve plug MSUD

C 型: 针距 8 mm  
Form C: pin spacing 8 mm

C 型



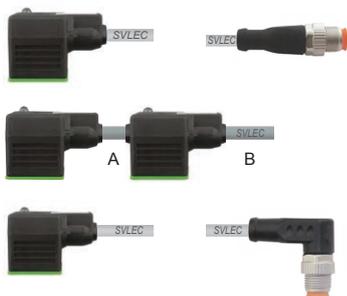
电磁阀连接器 Valve plug MSUD

CI 型: 针距 9.4 mm  
Form CI: pin spacing 9.4 mm

CI 型

页次 page 6.1.6

### 双端预铸线束 Connection cable



电磁阀连接器 Valve plug MSUD

M12 圆形连接器 Round plug connector

Form A 型 (18mm)  
B 型 (10mm)  
BI 型 (11mm)  
C 型 (8mm)  
CI 型 (9.4mm)

插针 Male 直出线 Straight  
90°

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# 连接器技术参数 TECHNICAL DATA FOR PLUG CONNECTORS

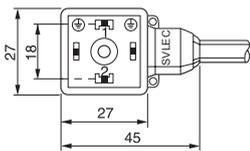


阀插头增加抑制电路后，当电路中有瞬时高电压或浪涌电流时，可以有效保护电磁阀，保证电磁阀正常工作，提高电磁阀使用寿命，有效降低了使用成本。

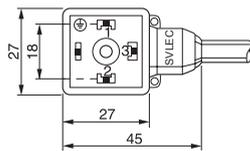
预制线束阀插头集成LED状态指示灯，使维护更加便捷，模塑结构，提高产品的耐冲击和耐震动性，同时可使产品的防护等级达到IP65~IP67。

## 电磁阀连接器 – 预铸线束 Valve plugs with open ended wires

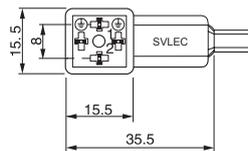
形式 Form A ( 18mm )  
PE bridged



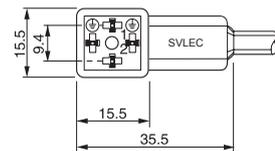
形式 A ( 18mm ) ，用于压力开关  
Form A ( 18 mm ) for pressure switches  
PE opposite cable entry ( 0° )



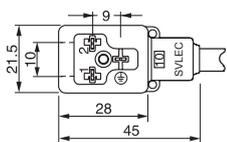
形式 Form C ( 8mm )  
PE bridged



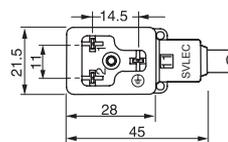
形式 Form CI ( 9.4mm )  
PE bridged



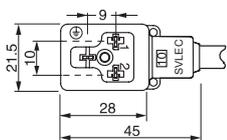
形式 Form B ( 10mm )  
PE at cable entry ( 0° )



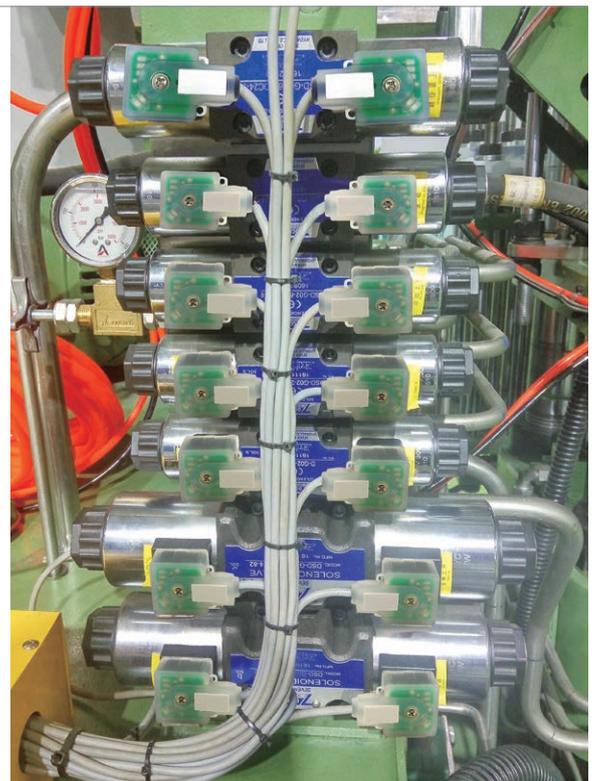
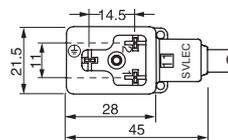
形式 Form BI ( 11mm )  
PE at cable entry ( 0° )



形式 Form B ( 10mm )  
PE opposite cable entry ( 180° )



形式 Form BI ( 11mm )  
PE opposite cable entry ( 180° )



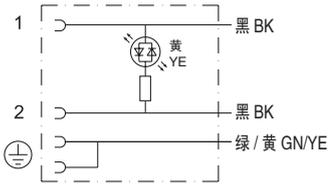
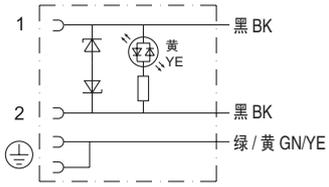
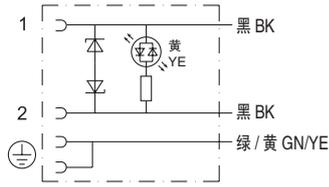
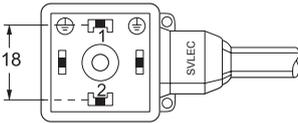
单端阀插头

# 阀插头 VALVE PLUG

单端预铸线束  
With open ended wires

A 型 Form  
针距 :18mm Pin spacing



1	型号 Form No.	918001	918021	918041			
电压 Suppression		24V AC/DC 带 LED	24V AC/DC 带 LED 和抑制电路 LED and suppression	110V AC/DC 带 LED 和抑制电路 LED and suppression			
电路图 Circuit diagram							
针脚排序 Contact layout							
2	电缆类型 Cable type	护套颜色 Jacket color					
	导体横截面 0.75mm <sup>2</sup>	灰 GY	黑 BK	灰 GY	黑 BK	灰 GY	黑 BK
	PVC	216	616	216	616	216	616
	PUR	226	626	226	626	226	626
3	电缆长度 Cable length						
	1.5m	0150					
	3.0m	0300					
	5.0m	0500					
	7.5m	0750					
	10.0m	1000					
	订货号 Part No.						
	可参考: 5.0.1 Reference: 5.0.1	例: <u>  918001  </u> — <u>  216  </u> — <u>  0500  </u>					
		1	型号 Form	2	电缆类型 Cable type	3	电缆长度 Cable length
备注 Notes	技术参数页面 Technical data in chapter: 8.0.8      配件页面 Accessories on page: 5.2.43 不同的电缆长度可根据实际需要, 在订货号的第三部分自行修改, 电缆长度单位: cm						

单端阀插头

# 阀插头 VALVE PLUG

单端预铸线束  
With open ended wires

A 型 Form  
针距 :18mm Pin spacing



1	型号 Form No.	918061	918081	918121	918141
电压 Suppression		230V AC/DC 带 LED 和抑制电路 LED and suppression	0-230V AC/DC 无电路 without electronics	24V AC/DC LED 红 red / 绿 green	24V AC/DC LED 黄 yellow / 绿 green
电路图 Circuit diagram					
针脚排序 Contact layout			适用于压力传感器 for pressure switches 		
2	电缆类型 Cable type	护套颜色 Jacket color			
	导体横截面 0.75mm <sup>2</sup>	黑 BK	黑 BK	灰 GY 黑 BK	灰 GY 黑 BK
	PVC	616	616	215 615	215 615
	PUR	626	626	225 625	225 625
3	电缆长度 Cable length				
	1.5m	0150			
	3.0m	0300			
	5.0m	0500			
	7.5m	0750			
	10.0m	1000			
	订货号 Part No.				
	可参考: 5.0.1 Reference: 5.0.1	例: <u>    918061    </u> - <u>    616    </u> - <u>    0500    </u>			
		1 型号 Form	2 电缆类型 Cable type	3 电缆长度 Cable length	
备注 Notes	技术参数页面 Technical data in chapter: 8.0.8      配件页面 Accessories on page: 5.2.43 不同的电缆长度可根据实际需要, 在订货号的第三部分自行修改, 电缆长度单位: cm				

单端阀插头

# 阀插头 VALVE PLUG

单端预铸线束  
With open ended wires

B 型 Form  
针距 :10mm Pin spacing



1	型号 Form	No.	910001	910021	910041	910061	910081	
	电压 Suppression		24V AC/DC 带 LED	24V AC/DC 带 LED 和抑制电路 LED and suppression	110V AC/DC 带 LED 和抑制电路 LED and suppression	0-230V AC/DC 无电路 without electronics	24V AC/DC 带 LED 和抑制电路 LED and suppression	
	电路图 Circuit diagram							
	针脚排序 Contact layout		PE 与电缆出线同侧 PE side with cable wire			PE 与电缆出线同侧 PE side with cable wire		
2	电缆类型 Cable type	护套颜色 Jacket color	灰 GY 黑 BK		灰 GY 黑 BK		灰 GY 黑 BK	
	导体横截面 0.75mm <sup>2</sup>		灰 GY 黑 BK	灰 GY 黑 BK	灰 GY 黑 BK	灰 GY 黑 BK	灰 GY 黑 BK	灰 GY 黑 BK
	PVC		216 616	216 616	216 616	216 616	216 616	216 616
	PUR		226 626	226 626	226 626	226 626	226 626	226 626
3	电缆长度 Cable length		1.5m 0150					
			3.0m 0300					
			5.0m 0500					
			7.5m 0750					
			10.0m 1000					
	订货号 Part No.		例: 910001 - 216 - 0500					
	可参考: 5.0.1 Reference: 5.0.1		例: 910001 - 216 - 0500					
			1 型号 Form	2 电缆类型 Cable type	3 电缆长度 Cable length			
	备注 Notes		技术参数页面 Technical data in chapter: 8.0.8 配件页面 Accessories on page: 5.2.43 不同的电缆长度可根据实际需要, 在订货号的第三部分自行修改, 电缆长度单位: cm					

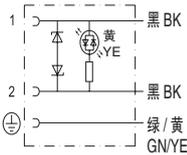
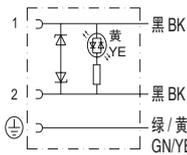
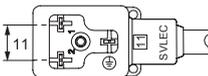
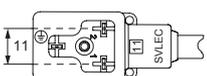
单端阀插头

# 阀插头 VALVE PLUG

单端预铸线束  
With open ended wires

BI 型 Form  
针距 :11mm Pin spacing  
工业标准 Industrial standard



<b>1</b>	<b>型号 Form No.</b>	<b>911021</b>	<b>911081</b>
	<b>电压 Suppression</b>	24V AC/DC 带 LED 和抑制电路 LED and suppression	24V AC/DC 带 LED 和抑制电路 LED and suppression
	<b>电路图 Circuit diagram</b>		
	<b>针脚排序 Contact layout</b>	<p>PE 与电缆出线同侧 PE side with cable wire</p> 	<p>PE 与电缆出线同侧 PE side with cable wire</p> 
<b>2</b>	<b>电缆类型 Cable type</b>	<b>护套颜色 Jacket color</b>	
	导体横截面 0.75mm <sup>2</sup>	灰 GY	黑 BK
	PVC	216	616
	PUR	226	626
<b>3</b>	<b>电缆长度 Cable length</b>		
	1.5m	0150	
	3.0m	0300	
	5.0m	0500	
	7.5m	0750	
	10.0m	1000	
	<b>订货号 / Part No.</b>		
	可参考: 5.0.1 Reference: 5.0.1	例: <u>    911021    </u> — <u>    216    </u> — <u>    0500    </u>	
		<b>1</b> 型号 Form	<b>2</b> 电缆类型 Cable type
			<b>3</b> 电缆长度 Cable length
	<b>备注 Notes</b>	技术参数页面 Technical data in chapter: 8.0.8      配件页面 Accessories on page: 5.2.43 不同的电缆长度可根据实际需要, 在订货号的第三部分自行修改, 电缆长度单位: cm	

单端阀插头

# 阀插头 VALVE PLUG

单端预铸线束  
With open ended wires

C 型 Form  
针距 :8mm Pin spacing



1	型号 Form	No.	980001	980021	980041	980061	
	电压 Suppression		24V AC/DC 带 LED	24V AC/DC 带 LED 和抑制电路 LED and suppression	110V AC/DC 带 LED 和抑制电路 LED and suppression	0-230V AC/DC 无电路 without electronics	
	电路图 Circuit diagram						
	针脚排序 Contact layout						
2	电缆类型 Cable type	护套颜色 Jacket color					
	导体横截面 0.75mm <sup>2</sup>	灰 GY	黑 BK	灰 GY	黑 BK	灰 GY	黑 BK
	PVC	216	616	216	616	216	616
	PUR	226	626	226	626	226	626
3	电缆长度 Cable length	1.5m	0150	3.0m	0300	5.0m	0500
		7.5m	0750	10.0m	1000		
	订货号 Part No.	可参考: 5.0.1 Reference: 5.0.1					
		例:	980001	216	0500		
		<b>1</b>	型号 Form	<b>2</b>	电缆类型 Cable type	<b>3</b>	电缆长度 Cable length
	备注 Notes	技术参数页面 Technical data in chapter: 8.0.8      配件页面 Accessories on page: 5.2.43 不同的电缆长度可根据实际需要, 在订货号的第三部分自行修改, 电缆长度单位: cm					

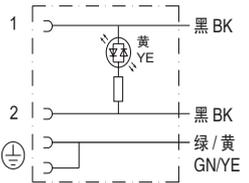
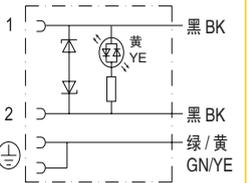
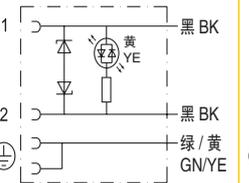
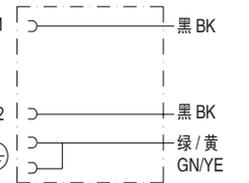
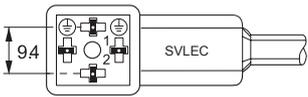
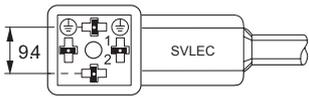
单端阀插头

# 阀插头 VALVE PLUG

单端预铸线束  
 With open ended wires

CI 型 Form  
 针距 :9.4mm Pin spacing  
 工业标准 Industrial standard



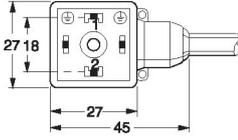
1	型号 Form	No.	994001	994021	994041	994061					
	电压 Suppression		24V AC/DC 带 LED	24V AC/DC 带 LED 和抑制电路 LED and suppression	110V AC/DC 带 LED 和抑制电路 LED and suppression	0-230V AC/DC 无电路 without electronics					
	电路图 Circuit diagram										
	针脚排序 Contact layout										
2	电缆类型 Cable type	护套颜色 Jacket color									
	导体横截面 0.75mm <sup>2</sup>		灰 GY	黑 BK	灰 GY	黑 BK	灰 GY	黑 BK	灰 GY	黑 BK	
	PVC		216	616	216	616	216	616	216	616	
	PUR		226	626	226	626	226	626	226	626	
3	电缆长度 Cable length										
	1.5m		0150								
	3.0m		0300								
	5.0m		0500								
	7.5m		0750								
	10.0m		1000								
	订货号 Part No.										
	可参考: 5.0.1 Reference: 5.0.1		例: 994001			216			0500		
			1	型号 Form	2	电缆类型 Cable type	3	电缆长度 Cable length			
	备注 Notes		技术参数页面 Technical data in chapter: 8.0.8      配件页面 Accessories on page: 5.2.43 不同的电缆长度可根据实际需要, 在订货号的第三部分自行修改, 电缆长度单位: cm								

单端阀插头

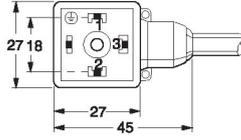
# 连接器技术参数 TECHNICAL DATA FOR PLUG CONNECTORS

## 电磁阀连接器 – 预铸线束 Valve plugs with open ended wires

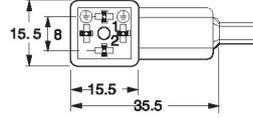
形式 Form A ( 18mm )  
PE bridged



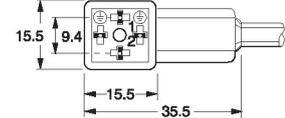
形式 A ( 18mm ) , 用于压力开关  
Form A ( 18 mm ) for pressure switches  
PE opposite cable entry ( 0° )



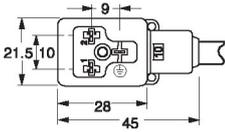
形式 Form C ( 8mm )  
PE bridged



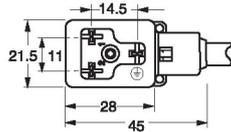
形式 Form CI ( 9.4mm )  
PE bridged



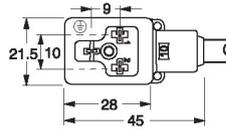
形式 Form B ( 10mm )  
PE at cable entry ( 0° )



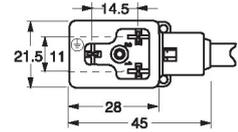
形式 Form BI ( 11mm )  
PE at cable entry ( 0° )



形式 Form B ( 10mm )  
PE opposite cable entry ( 180° )

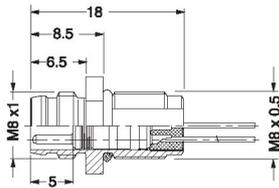


形式 Form BI ( 11mm )  
PE opposite cable entry ( 180° )

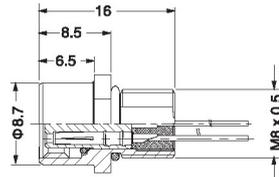


## 板面安装连接器 Flange plug connector

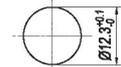
M8 插针 Male



M8 插孔 Female

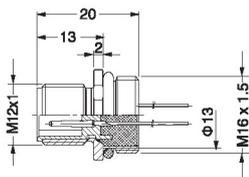


开孔尺寸

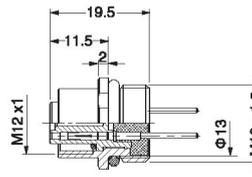


M12 板面 ( 螺母 M12x1 )

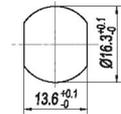
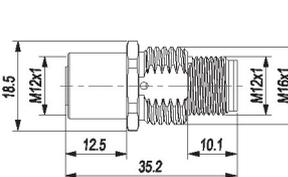
M12 插针 Male



M12 插孔 Female



M12 公母头 Male female

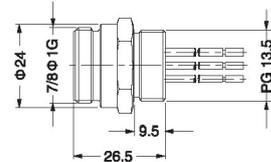


M12 板面 ( 螺母 M16x1.5 )

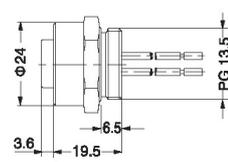


7/8 板面 ( 螺母 PG13.5 )

7/8" 插针 Male

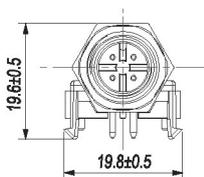


7/8" 插孔 Female



## PCB 安装连接器 Mounting connector

M12 弯角公插 Angled Male



M12 弯角母插 Angled Female

