

第六章 Chapter 6

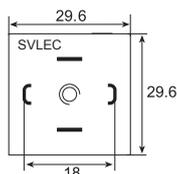
阀插头 Valve plug



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

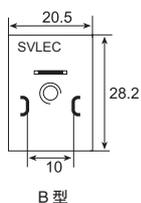


电磁阀连接器 Valve plug MSUD

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



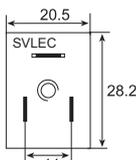
页次 page 6.1.1



电磁阀连接器 Valve plug MSUD

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

B 型

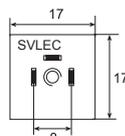


电磁阀连接器 Valve plug MSUD

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

BI 型

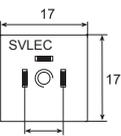
页次 page 6.1.4



电磁阀连接器 Valve plug MSUD

C 型: 针距 8 mm
Form C: pin spacing 8 mm

C 型



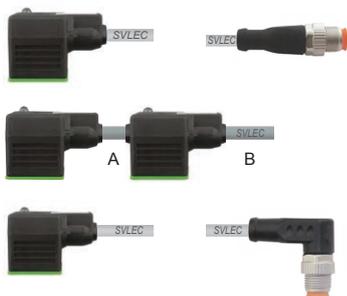
电磁阀连接器 Valve plug MSUD

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°

页次 page 6.2.1

连接器技术参数 TECHNICAL DATA FOR PLUG CONNECTORS

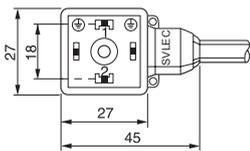


阀插头增加抑制电路后，当电路中有瞬时高电压或浪涌电流时，可以有效保护电磁阀，保证电磁阀正常工作，提高电磁阀使用寿命，有效降低了使用成本。

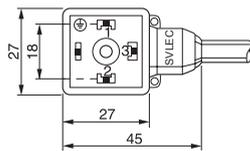
预制线束阀插头集成LED状态指示灯，使维护更加便捷，模塑结构，提高产品的耐冲击和耐震动性，同时可使产品的防护等级达到IP65~IP67。

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

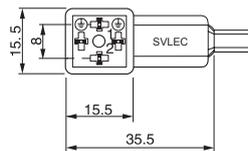
形式 Form A (18mm)
PE bridged



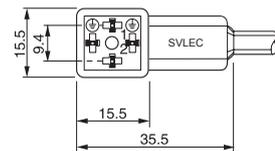
形式 A (18mm)，用于压力开关
Form A (18 mm) for pressure switches
PE opposite cable entry (0°)



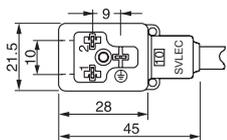
形式 Form C (8mm)
PE bridged



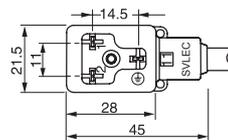
形式 Form CI (9.4mm)
PE bridged



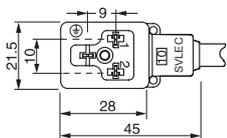
形式 Form B (10mm)
PE at cable entry (0°)



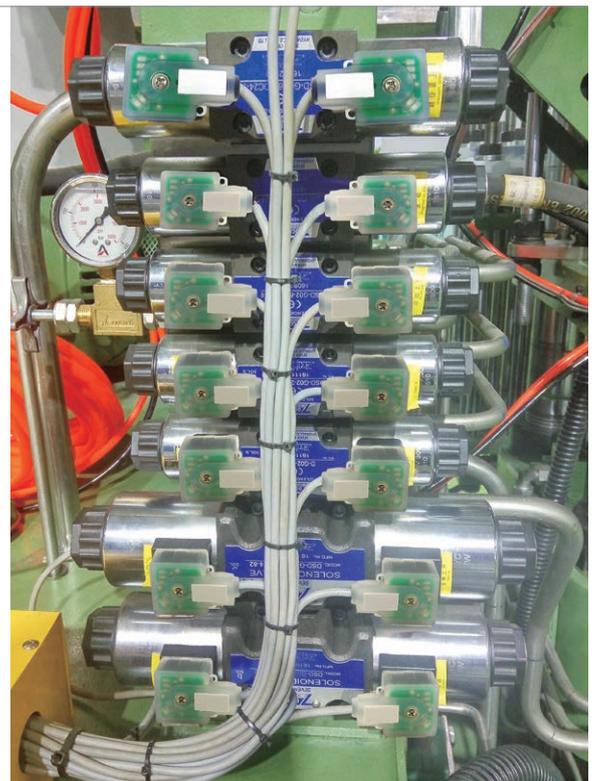
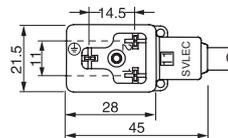
形式 Form BI (11mm)
PE at cable entry (0°)



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



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



阀插头 VALVE PLUG

双端预铸线束
 Connection cable
 电磁阀插头 – 自由端
 Valve plug

插针 Male
 直出 Straight

A 型 Form
 针距 :18mm Pin spacing



| 1 | 型号 Form | No. 940891 | | | | | | | | | | | | | | | | |
|---------------------------|--|---|----------------------------|------|-------------------------|------|---------------------------|--------------|--------------|------|------|--------------|--------------|--|-----|--------------|--------------|--|
| | 电压 Suppression | 5-pole, 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 插孔 Female | | | | | | | | | | | | | | | | |
| 2 | 电缆类型 Cable type | <table border="1"> <thead> <tr> <th colspan="2">护套颜色 Jacket color (A)</th> <th colspan="2">护套颜色 Jacket color (B)</th> </tr> </thead> <tbody> <tr> <td>导体横截面 0.75mm²</td> <td>灰 GY 黑 BK</td> <td>灰 GY 黑 BK</td> <td></td> </tr> <tr> <td>PVC</td> <td>216 616</td> <td>214 614</td> <td></td> </tr> <tr> <td>PUR</td> <td>226 626</td> <td>224 624</td> <td></td> </tr> </tbody> </table> | 护套颜色 Jacket color (A) | | 护套颜色 Jacket color (B) | | 导体横截面 0.75mm ² | 灰 GY 黑 BK | 灰 GY 黑 BK | | PVC | 216 616 | 214 614 | | PUR | 226 626 | 224 624 | |
| 护套颜色 Jacket color (A) | | 护套颜色 Jacket color (B) | | | | | | | | | | | | | | | | |
| 导体横截面 0.75mm ² | 灰 GY 黑 BK | 灰 GY 黑 BK | | | | | | | | | | | | | | | | |
| PVC | 216 616 | 214 614 | | | | | | | | | | | | | | | | |
| PUR | 226 626 | 224 624 | | | | | | | | | | | | | | | | |
| 3 | 电缆长度 Cable length | <table border="1"> <tbody> <tr><td>0.3m</td><td>0030</td></tr> <tr><td>0.6m</td><td>0060</td></tr> <tr><td>1.0m</td><td>0100</td></tr> <tr><td>1.5m</td><td>0150</td></tr> <tr><td>2.0m</td><td>0200</td></tr> </tbody> </table> | 0.3m | 0030 | 0.6m | 0060 | 1.0m | 0100 | 1.5m | 0150 | 2.0m | 0200 | | | | | | |
| 0.3m | 0030 | | | | | | | | | | | | | | | | | |
| 0.6m | 0060 | | | | | | | | | | | | | | | | | |
| 1.0m | 0100 | | | | | | | | | | | | | | | | | |
| 1.5m | 0150 | | | | | | | | | | | | | | | | | |
| 2.0m | 0200 | | | | | | | | | | | | | | | | | |
| | 订货号 Part No. | | | | | | | | | | | | | | | | | |
| | 可参考: 5.0.1 Reference: 5.0.1 | 例: <u> 940891 </u> — <u> 216 </u> — <u> 0020-0500 </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 | | | | | | | | | | | | | | | | | |

阀插头 VALVE PLUG

双端预铸线束
Connection cable

电磁阀插头 –M12
Valve plug

接压力开关
For pressure switches

A 型 Form
针距 :18mm Pin spacing

插针 Male
直出线 Straight



| 1 | 型号 Form No. | 940881 | 940921 | 940931 |
|------------------------|--|---|--|---|
| 电压 Suppression | | M12, 3-pole, 24V AC/DC 带 LED 和抑制电路 LED and suppression | M12, 5-pole, 24V DC LED 红 red / 绿 green | M12, 5-pole, 24V DC LED 黄 yellow / 绿 green |
| 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 ² | 灰 GY | 黑 BK | |
| | PUR | 226 | 626 | |
| | 导体横截面 0.34mm ² | | | 灰 GY |
| | PVC | | | 215 |
| | PUR | | | 225 |
| | | | | 黑 BK |
| | | | | 615 |
| | | | | 225 |
| | | | | 625 |
| 3 | 电缆长度 Cable length | | | |
| | 0.3m | 0030 | | |
| | 0.6m | 0060 | | |
| | 1.0m | 0100 | | |
| | 1.5m | 0150 | | |
| | 2.0m | 0200 | | |
| | 订货号 Part No. | | | |
| | 可参考: 5.0.1 Reference: 5.0.1 | 例: <u> 940881 </u> – <u> 226 </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 | | | |

阀插头 VALVE PLUG

双端预铸线束
Connection cable
电磁阀插头 -M12
Valve plug

插针 Male
直出 Straight

A 型 Form
针距 :18mm Pin spacing



| | | | | |
|-----------------|--------------------------------|--|--------------------------|--------------------------------|
| 1 | 型号 Form | No. | 940892 | |
| | 电压 Suppression | M12,5-pole, 24V AC/DC 带 LED 和抑制电路 LED and suppression | | |
| | 电路图 Circuit diagram | | | |
| | 针脚排序 Contact layout | <p>PE 与电缆出线同侧 PE side with cable wire</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>插针 Male</p> </div> <div style="text-align: center;"> <p>插孔 Female</p> </div> </div> | | |
| 2 | 电缆类型 Cable type | 护套颜色 Jacket color (A) | | 护套颜色 Jacket color (B) |
| | 导体横截面 0.75mm ² | 灰 GY | 黑 BK | 灰 GY |
| | PVC | 216 | 616 | 214 |
| | PUR | 226 | 626 | 224 |
| 3 | 电缆长度 Cable length | | | |
| | 0.3m | 0030 | | |
| | 0.6m | 0060 | | |
| | 1.0m | 0100 | | |
| | 1.5m | 0150 | | |
| | 2.0m | 0200 | | |
| | 订货号 Part No. | | | |
| | 可参考: 5.0.1 Reference: 5.0.1 | <p>例: <u> 940892 </u> — <u> 216 </u> — <u> 0020-0500 </u></p> | | |
| | | 1 型号 Form | 2 电缆类型 Cable type | 3 电缆长度 Cable length |
| 备注 Notes | | <p>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</p> | | |

阀插头 VALVE PLUG

双端预铸线束
Connection cable
电磁阀插头 -M12
Valve plug

B 型 Form
针距 :10mm Pin spacing

插针 Male
直出线 Straight



| | | | |
|----------|--|---|---|
| 1 | 型号 Form No. | 941001 | 941002 |
| | 电压 Suppression | M12, 3-pole, 24V AC/DC 带 LED 和抑制电路 LED and suppression | M12, 3-pole, 24V AC/DC 带 LED 和抑制电路 LED and suppression |
| 1 | 电路图 Circuit diagram | | |
| | 针脚排序 Contact layout | <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> |
| 2 | 电缆类型 Cable type | 护套颜色 Jacket color | |
| | 导体横截面 0.75mm ² | 灰 GY | 黑 BK |
| | PVC | 216 | 616 |
| | PUR | 226 | 626 |
| 3 | 电缆长度 Cable length | 0.3m | 0030 |
| | 0.6m | 0060 | |
| | 1.0m | 0100 | |
| | 1.5m | 0150 | |
| | 2.0m | 0200 | |
| | 订货号 Part No. | <p>可参考: 5.0.1 Reference: 5.0.1</p> <p>例: <u> 941001 </u> - <u> 216 </u> - <u> 0500 </u></p> | |
| 备注 Notes | <p>1 型号 Form 2 电缆类型 Cable type 3 电缆长度 Cable length</p> | | |
| 备注 Notes | <p>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</p> | | |

双端阀插头

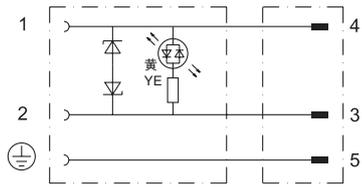
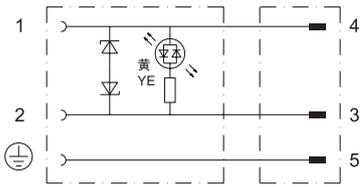
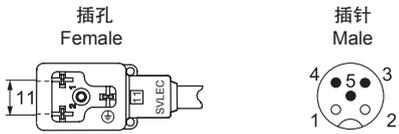
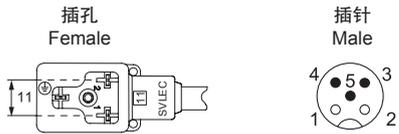
阀插头 VALVE PLUG

双端预铸线束
 Connection cable
 电磁阀插头 -M12
 Valve plug - M12

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

插针 Male
 直出线 Straight



| | | | |
|----------|--------------------------------|--|---|
| 1 | 型号 Form No. | 940961 | 940962 |
| | 电压 Suppression | M12, 3-pole, 24V AC/DC 带 LED 和抑制电路 LED and suppression | M12, 3-pole, 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 | |
| | 导体横截面 0.75mm ² | 灰 GY | 黑 BK |
| | PVC | 216 | 616 |
| | PUR | 226 | 626 |
| | | 灰 GY | 黑 BK |
| | | 216 | 616 |
| | | 226 | 626 |
| 3 | 电缆长度 Cable length | | |
| | 0.3m | 0030 | |
| | 0.6m | 0060 | |
| | 1.0m | 0100 | |
| | 1.5m | 0150 | |
| | 2.0m | 0200 | |
| | 订货号 Part No. | | |
| | 可参考: 5.0.1 Reference: 5.0.1 | 例: <u> 940961 </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 | |

双端阀插头

阀插头 VALVE PLUG

双端预铸线束
Connection cable
电磁阀插头 -M12
Valve plug

C 型 Form
针距 :8mm Pin spacing

插针 Male
直出线 Straight



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

插针 Male
直出线 Straight



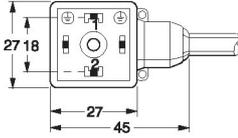
| | | | | |
|----------|--------------------------------|--|--------------------------|---|
| 1 | 型号 Form | No. | 941081 | 941041 |
| | 电压 Suppression | M12, 3-pole, 24V AC/DC 带 LED 和抑制电路 LED and suppression | | M12, 3-pole, 24V AC/DC 带 LED 和抑制电路 LED and suppression |
| | 电路图 Circuit diagram | | | |
| | 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 ² | 灰 GY | 黑 BK | 灰 GY |
| | PUR | 226 | 626 | 226 |
| 3 | 电缆长度 Cable length | | | |
| | 0.3m | 0030 | | |
| | 0.6m | 0060 | | |
| | 1.0m | 0100 | | |
| | 1.5m | 0150 | | |
| | 2.0m | 0200 | | |
| | 订货号 Part No. | | | |
| | 可参考: 5.0.1 Reference: 5.0.1 | 例: <u> 941081 </u> - <u> 226 </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 | | |

双端阀插头

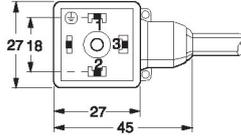
连接器技术参数 TECHNICAL DATA FOR PLUG CONNECTORS

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

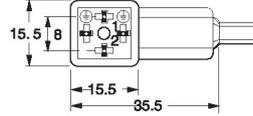
形式 Form A (18mm)
PE bridged



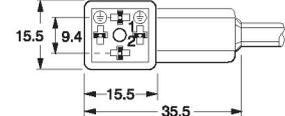
形式 A (18mm) , 用于压力开关
Form A (18 mm) for pressure switches
PE opposite cable entry (0°)



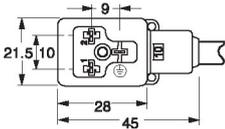
形式 Form C (8mm)
PE bridged



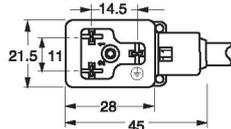
形式 Form CI (9.4mm)
PE bridged



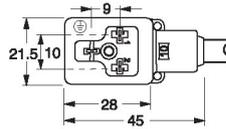
形式 Form B (10mm)
PE at cable entry (0°)



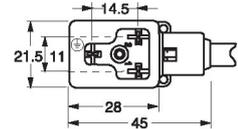
形式 Form BI (11mm)
PE at cable entry (0°)



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

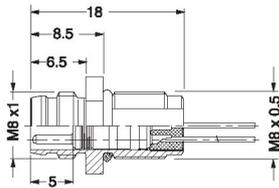


形式 Form BI (11mm)
PE opposite cable entry (180°)

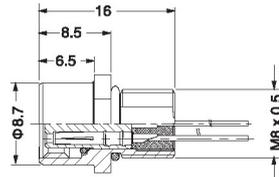


板面安装连接器 Flange plug connector

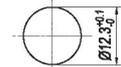
M8 插针 Male



M8 插孔 Female

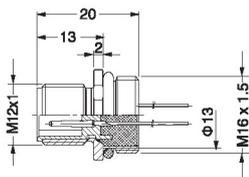


开孔尺寸

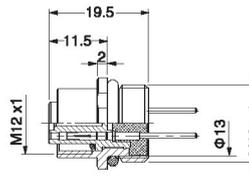


M12 板面 (螺母 M12x1)

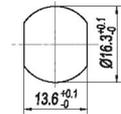
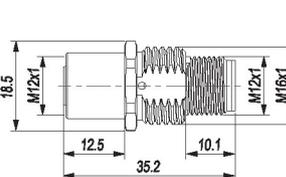
M12 插针 Male



M12 插孔 Female

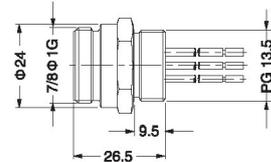


M12 公母头 Male female

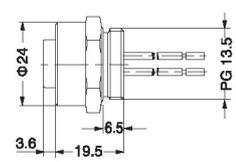


M12 板面 (螺母 M16x1.5)

7/8" 插针 Male



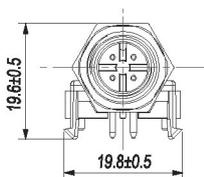
7/8" 插孔 Female



7/8 板面 (螺母 PG13.5)

PCB 安装连接器 Mounting connector

M12 弯角公插 Angled Male



M12 弯角母插 Angled Female

