

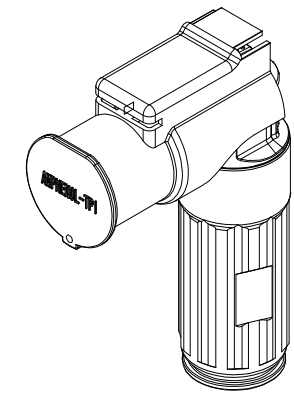
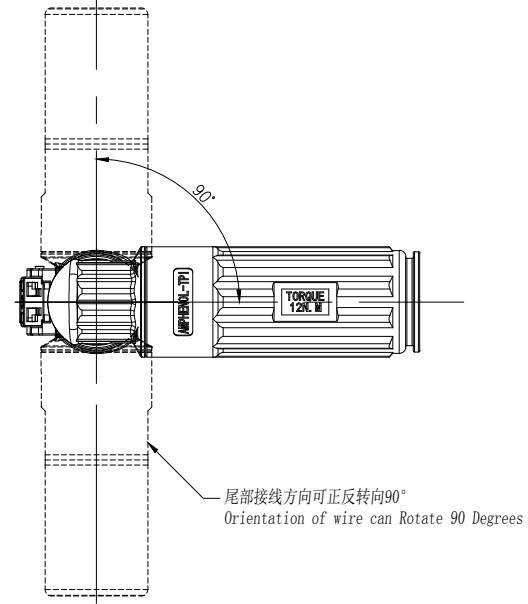
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| REV | | ZONE | ECO | DESCRIPTION | DATE | BY | APPR |
|-----|----|------|-----|-----------------|----------|------|------|
| 1 | -- | -- | -- | INITIAL RELEASE | 04/03/23 | Bond | JL |

Customer Drawing

Standard Part List (Without HVIL)

| P/N | Model NO |
|-------------|----------------|
| AC-HA026314 | PL28X-200-35-5 |
| AC-HA026315 | PL28Y-200-35-5 |
| AC-HA026316 | PL28U-200-35-5 |
| AC-HA026317 | PL28V-200-35-5 |
| AC-HA026318 | PL28W-200-35-5 |
| AC-HA026319 | PL28X-200-25-5 |
| AC-HA026320 | PL28Y-200-25-5 |
| AC-HA026321 | PL28U-200-25-5 |
| AC-HA026322 | PL28V-200-25-5 |
| AC-HA026323 | PL28W-200-25-5 |

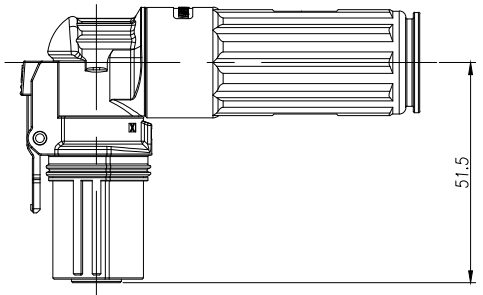
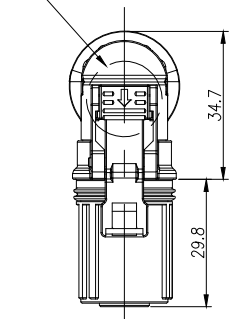


订购信息 Ordering Information

PL28 X - 20 0 - 35 - 5

| | | |
|-------------------|-----------------|------------------------|
| 键位及颜色 Key & Color | 高压互锁 HVIL | 线缆大小 Cable Size |
| "X", 橙色 Orange | 0, 不带互锁 No HVIL | "35"=35mm ² |
| "Y", 黑色 Black | | "25"=25mm ² |
| "U", 黄色 Yellow | | |
| "V", 绿色 Green | | |
| "W", 红色 Red | | |

按键颜色见“订购信息”
The color of press key see "Ordering Information"

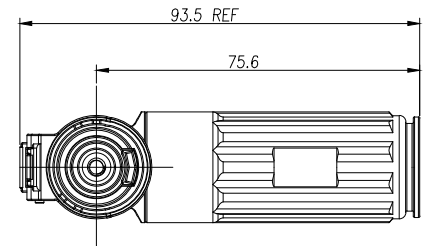


Recommended Cable Size

| Model NO. | Overall-Diameter Nominal (mm) | Dia Primary Insulation (mm) | Conductor Diameter (mm) |
|------------------|-------------------------------|-----------------------------|-------------------------|
| PL28(X)-20X-35-5 | 12.7±0.3 | 9.70 | 7.9 |
| PL28(X)-20X-25-5 | 11.2±0.3 | 8.20 | 6.7 |

规格参数 (Spec.):

- 工作温度 Operating temperature: -40° C~+125° C.
- 额定电流 Current rating (Connector Only): 35mm²:150A, 25mm²:120A.
- 额定电压 Operating voltage:1000 VDC.
- 耐电压 Dielectric withstanding voltage: 5000 VDC.
- 防护等级 Protection class:IP67 & IP2X.
- 电磁屏蔽 Shielding.
- 机械寿命 Mating cycle:100 Min.
- 带自动二次锁扣 Automatic secondary lock.
- 尾部接线方向可正反转向90° Rotate function of wire.
- 带高压互锁 Electrical interlock (HVIL).
- 配对插座 Mating receptacle : See drawing "PL00-200"



| | | | | | | |
|---|--|---|------------|------------|---------------------------|--|
| | Amphenol Technical Products International GZ | | | | | |
| | 第三角投影 THIRD ANGLE PROJECTION | 页面 SHEET | 幅面 SIZE | 版次 REV. | 比例 SCALE | PART NAME: PwrLok 8mm-90 1POS Plug Assy |
| | 1 of 1 | A3 | 1 | | DWG NO: PL28X-201-()-5 | |
| 签名 SIGNATURE 制图 DRAWN 审核 CHECKED 批准 APPROVAL | 日期 DATE 04/03/23 | UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 0 PL DEC ±1.00 1 PL DEC ±0.50 2 PL DEC ±0.20 | | | CUST PART #: N/A | CUST REV. - |

Key Characteristics
Critical 关键特性
Amphenol for Latest Definition
Significant 重要特性