

Customer Drawing

订购信息 Ordering Information

PL28 X - 20 1 - 50

键位及颜色 Key & Color

"X", 橙色 Orange
"Y", 黑色 Black
"U", 黄色 Yellow
"V", 绿色 Green
"W", 红色 Red

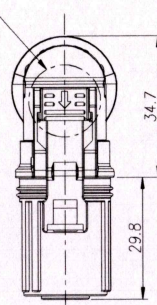
高压互锁 HVIL

0, 不带互锁 No HVIL
1, 带互锁 With HVIL

线缆大小 Cable Size

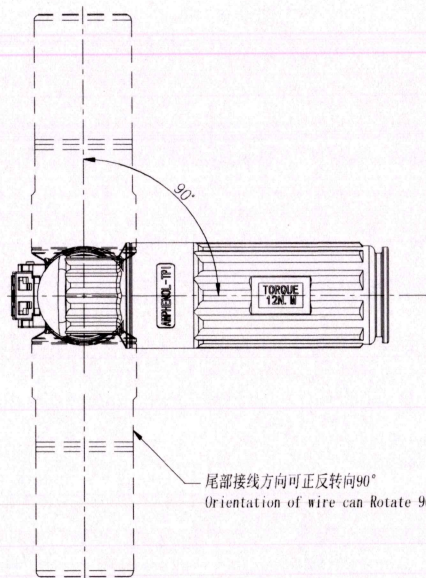
"50"=50mm²
"35"=35mm²
"25"=25mm²

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

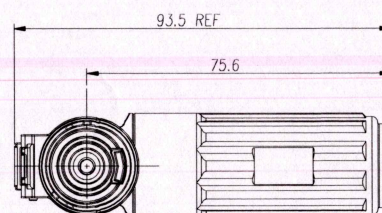
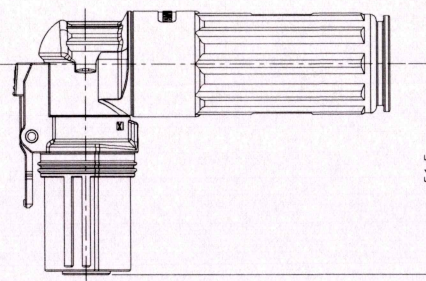


规格参数 (Spec.):

1. 工作温度 Operating temperature: -40° C ~ +125° C.
2. 额定电流 Current rating (Connector Only): 50mm²-200 A 35mm²-150A 25mm²-120A.
3. 额定电压 Operating voltage: 1000 VDC.
4. 耐电压 Dielectric withstanding voltage: 5000 VDC.
5. 防护等级 Protection class: IP67 & IP2X.
6. 电磁屏蔽 Shielding.
7. 机械寿命 Mating cycle: 100 Min.
8. 带自动二次锁扣 Automatic secondary lock.
9. 尾部接线方向可正反转向90° Rotate function of wire.
10. 带高压互锁 Electrical interlock (HVIL).
11. 配对插座 Mating receptacle: See drawing "PL00-200"



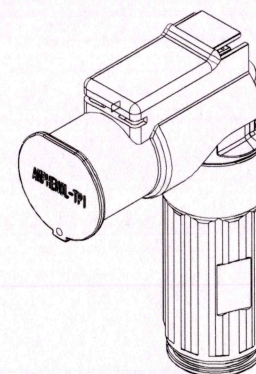
尾部接线方向可正反转向90°
Orientation of wire can Rotate 90 Degrees



Amphenol TPI

2021-04-21

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Standard Part List (With HVIL)

P/N	Accepted Wire OD
PL28X-201-25	13.5 ± 0.3
PL28Y-201-25	
PL28U-201-25	
PL28V-201-25	
PL28W-201-25	14.5 ± 0.5
PL28X-201-35	
PL28Y-201-35	
PL28U-201-35	
PL28V-201-35	17.0 ± 0.5
PL28W-201-35	
PL28X-201-50	
PL28Y-201-50	
PL28U-201-50	17.0 ± 0.5
PL28V-201-50	
PL28W-201-50	

Standard Part List (Without HVIL)

P/N	Accepted Wire OD
PL28X-200-25	13.5 ± 0.3
PL28Y-200-25	
PL28U-200-25	
PL28V-200-25	
PL28W-200-25	14.5 ± 0.5
PL28X-200-35	
PL28Y-200-35	
PL28U-200-35	
PL28V-200-35	17.0 ± 0.5
PL28W-200-35	
PL28X-200-50	
PL28Y-200-50	
PL28U-200-50	17.0 ± 0.5
PL28V-200-50	
PL28W-200-50	

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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:
	1 of 1	A3	E		PwrLok 8mm-90 1POS Plug Assy
签名 SIGNATURE	日期 DATE	UNLESS OTHERWISE SPECIFIED			DWG NO:
制图 DRAWN	Steven	1) All dimensions are in metric (mm).			PL28-200
审核 CHECKED		2) Tolerances are as follows:			CUST PART #:
批准 APPROVAL		0 PL DEC ±1.00 1 PL DEC ±0.50 2 PL DEC ±0.20			N/A
		Angles ±1°			CUST REV.

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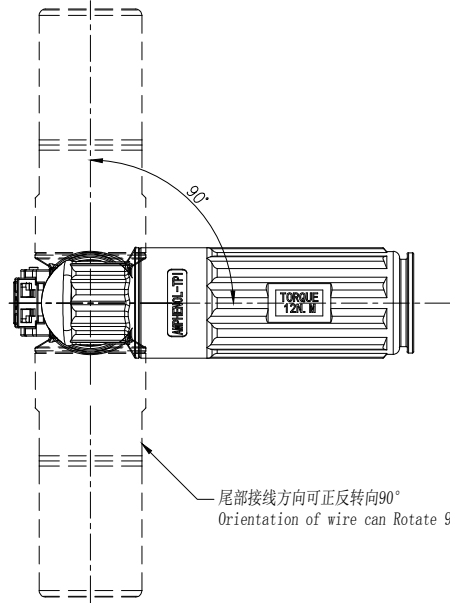
线缆大小 Cable Size

"50"=50mm²
"35"=35mm²
"25"=25mm²

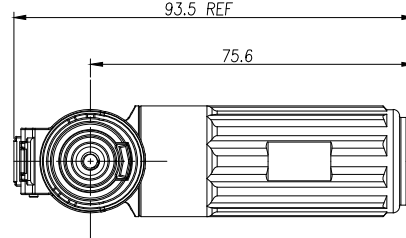
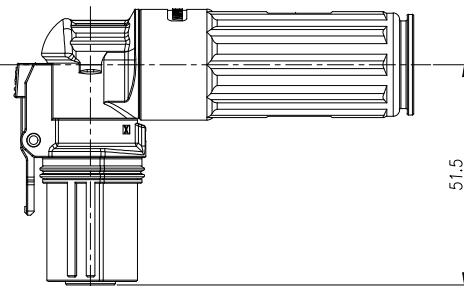
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The color of press key see “Ordering Information”

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- 额定电压 Operating voltage:1000 VDC.
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- 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90° Rotate function of wire.
- 带高压互锁 Electrical interlock (HVIL).
- 配对插座 Mating receptacle : See drawing “PL00-200”



尾部接线方向可正反转90°
Orientation of wire can Rotate 90 Degrees



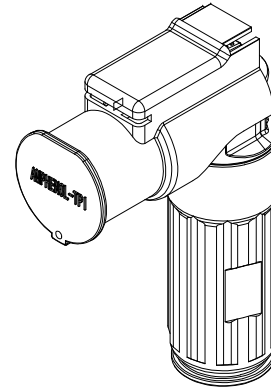
Standard Part List (With HVIL)

P/N	Accepted Wire OD
PL28X-201-25	13.5±0.3
PL28Y-201-25	
PL28U-201-25	
PL28V-201-25	
PL28W-201-25	
PL28X-201-35	14.5±0.5
PL28Y-201-35	
PL28U-201-35	
PL28V-201-35	
PL28W-201-35	
PL28X-201-50	17.0±0.5
PL28Y-201-50	
PL28U-201-50	
PL28V-201-50	
PL28W-201-50	



Standard Part List (Without HVIL)

P/N	Accepted Wire OD
PL28X-200-25	13.5±0.3
PL28Y-200-25	
PL28U-200-25	
PL28V-200-25	
PL28W-200-25	
PL28X-200-35	14.5±0.5
PL28Y-200-35	
PL28U-200-35	
PL28V-200-35	
PL28W-200-35	
PL28X-200-50	17.0±0.5
PL28Y-200-50	
PL28U-200-50	
PL28V-200-50	
PL28W-200-50	



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

日期 DATE

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

Angles ±1°

DWG NO:

PL28-200

CUST PART #:

N/A

CUST REV.

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