

Customer Drawing

订购信息 Ordering Information

PL28 X - 30 1 - 95 - 5

键位及颜色 Key & Color

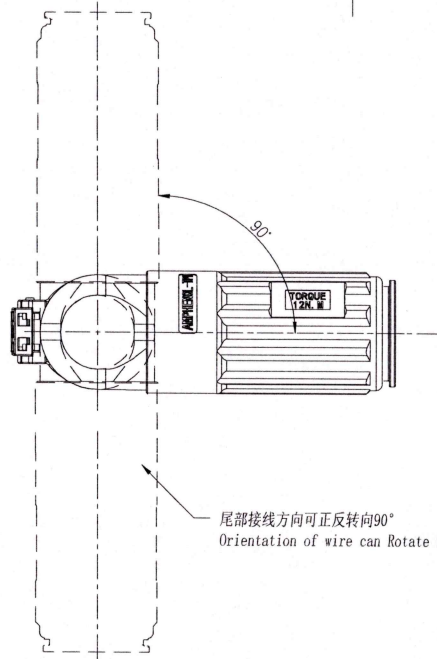
"X", 橙色 Orange
"Y", 黑色 Black
"U", 黄色 Yellow
"V", 绿色 Green
"W", 红色 Red
"T", 蓝色 Blue

高压互锁 HVIL

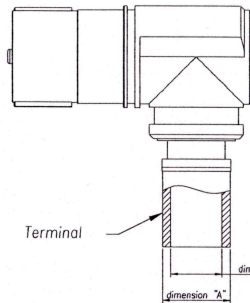
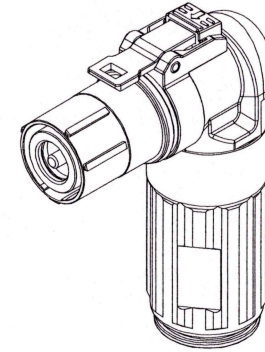
0, 不带互锁 No HVIL
1, 带互锁 With HVIL

线缆大小 Cable Size

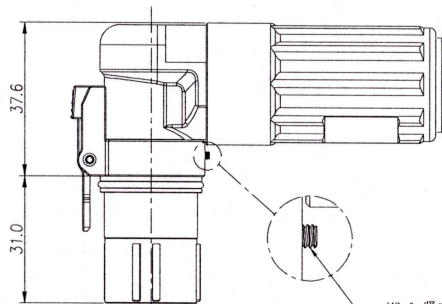
"95"=95mm²



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



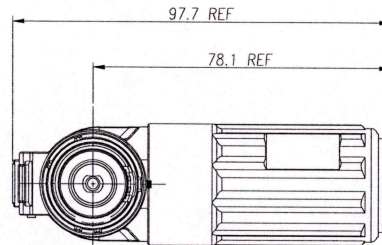
按键颜色见“订购信息”
The color of press key see "Ordering Information"



M2.0 锁定螺丝
M2.0 locking screw

规格参数 (Spec.):

- 工作温度 Operating temperature: -40° C~+125° C.
- 额定电流 Current rating (Connector Only): 95mm²-300 A.
- 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90° Rotate function of wire.
- 带高压互锁 Electrical interlock (HVIL).
- 配对插座 Mating receptacle: See drawing "PL00-300"
- 紧固螺丝锁紧扭矩 Tightening Torque of Locking Screw: 0.17±0.01 Nm



P/N	Model NO.	overall-diameter nominal (mm)	Dia Primary Insulation (mm)	outside-diameter of terminal (mm): "A"	inside-diameter of terminal (mm): "B"
AC-HA020024	PL28X-301-95-5	19.9±0.4	16.2	17.5±0.05	14.0±0.05
AC-HA020025	PL28Y-301-35-5				
AC-HA020026	PL28U-301-95-5				
AC-HA020027	PL28V-301-95-5				
AC-HA020028	PL28W-301-95-5				
AC-HA020029	PL28T-301-95-5				
AC-HA020030	PL28X-300-95-5				
AC-HA020031	PL28Y-300-35-5				
AC-HA020032	PL28U-300-95-5				
AC-HA020033	PL28V-300-95-5				
AC-HA020034	PL28W-300-95-5				
AC-HA020035	PL28T-300-95-5				



AMPHENOL TPI		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 10mm-90 1POS Plug Assy	
1 of 1		A3	1			DWG NO: PL28()-30()-95-5	
签名 SIGNATURE		日期 DATE		UNLESS OTHERWISE SPECIFIED		CUST PART #:	
制图 DRAWN		Fred		10/25/21		N/A	
审核 CHECKED		JL		19/10/21		CUST REV.	
批准 APPROVAL						-	

1) All dimensions are in metric (mm).
2) Tolerances are as follows:
1 PL DEC ±1.00
2 PL DEC ±0.50
2 PL DEC ±0.20
Angles ±1°

Customer Drawing

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PL28 X - 30 1 - 95 - 5

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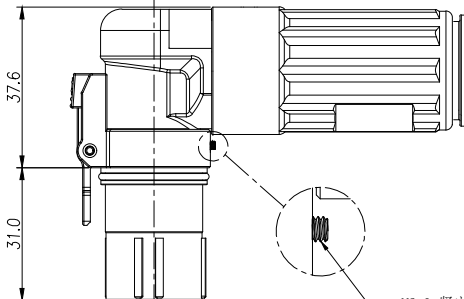
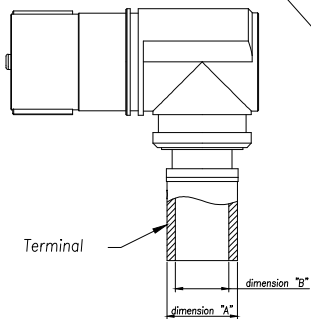
高压互锁 HVIL

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线缆大小 Cable Size

"95"=95mm²

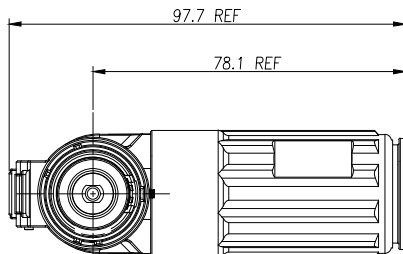
按键颜色见“订购信息”
The color of press key see “Ordering Information”



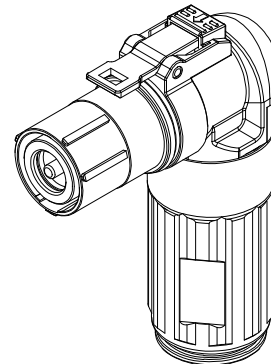
M2.0 紧定螺丝
M2.0 locking screw

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



REV		ZONE	ECO	DESCRIPTION		DATE	BY	APPR
1	--	--	--	INITIAL RELEASE		10/25/21	Fred	JL

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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:

PwrLok 10mm-90 1POS Plug Assy

DWG NO:

PL28()-30()-95-5

CUST PART #:

N/A

CUST REV.

-

签名 SIGNATURE

日期 DATE

UNLESS OTHERWISE SPECIFIED

制图 DRAWN

Fred

10/25/21

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2) Tolerances are as follows:

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审核 CHECKED

批准 APPROVAL