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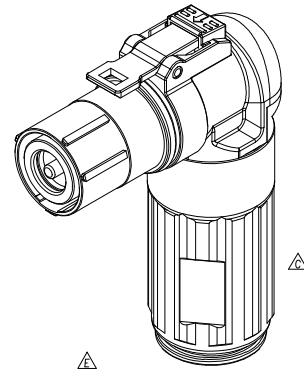
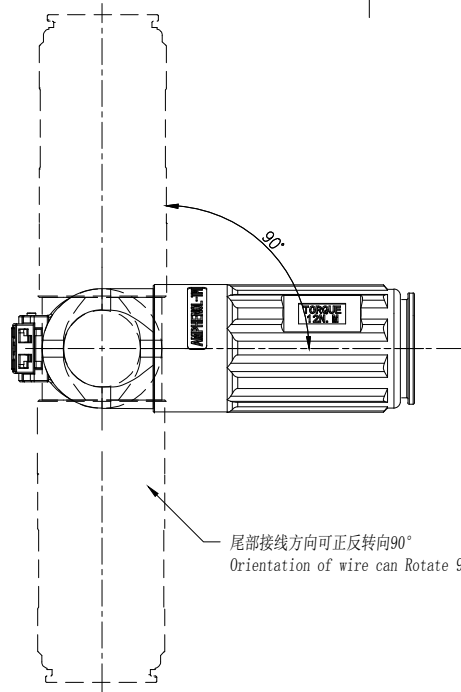
Customer Drawing

REV		ZONE	ECO	DESCRIPTION	DATE	BY	APPR
B	--	--	--	Add Locking Screw Assembly Torque	10/28/16	SW	RW
D	--	--	--	Add Rating Current	10/31/18	ST	JL
E	--	--	--	Add Model No	02/25/19	ST	JL
F	--	--	--	Change dimension tolerance of crimp barrel	06/07/21	Steven	JL
G	--	--	--	Correct dimension errors	10/14/21	Steven	JL

订购信息 Ordering Information

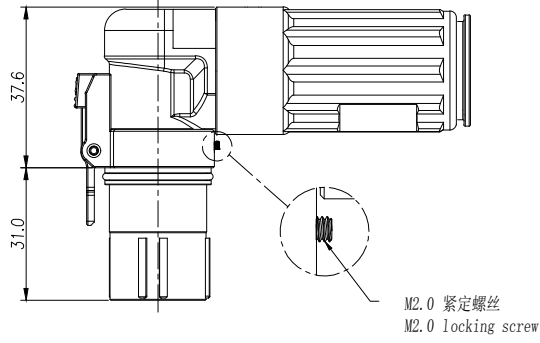
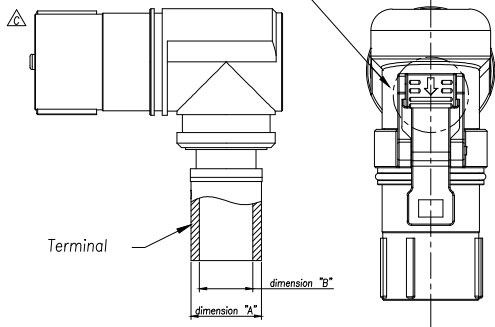
PL28 X - 30 1 - 70 - 5

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	"70"=70mm ²
"Y", 黑色 Black	1, 带互锁 With HVIL	"50"=50mm ²
"U", 黄色 Yellow		"35"=35mm ²
"V", 绿色 Green		
"W", 红色 Red		
"T", 蓝色 Blue		



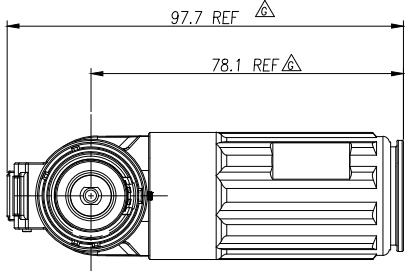
Model NO.	overall-diameter nominal (mm)	Dia Primary Insulation (mm)	outside-diameter of terminal (mm): "A"	inside-diameter of terminal (mm): "B"
PL28X-30()-35-5	12.7±0.3	9.7±0.3	11.8±0.05	8.8±0.05
PL28Y-30()-35-5				
PL28U-30()-35-5				
PL28V-30()-35-5				
PL28W-30()-35-5				
PL28T-30()-35-5	14.9±0.3	11.5±0.3	14.5±0.05	10.3±0.05
PL28X-30()-50-5				
PL28Y-30()-50-5				
PL28U-30()-50-5				
PL28V-30()-50-5				
PL28W-30()-50-5	17.0±0.3	13.7±0.3	16.5±0.05	12.5±0.05
PL28T-30()-50-5				
PL28X-30()-70-5				
PL28Y-30()-70-5				
PL28U-30()-70-5				
PL28V-30()-70-5				
PL28W-30()-70-5				
PL28T-30()-70-5				

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



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, 50mm²-200A, 70mm²-250 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向90° Rotate function of wire.
- 带高压互锁 Electrical interlock (HVIL).
- 配对插座 Mating receptacle: See drawing "PL00-300"
- 拧紧螺丝锁紧扭矩 Tightening Torque of Locking Screw: 0.17±0.01 Nm



		Amphenol Technical Products International GZ				PART NAME: PwrLok 10mm-90 1POS Plug Assy	
		第三角投影 THIRD ANGLE PROJECTION	页面 SHEET	幅面 SIZE	版次 REV.	比例 SCALE	DWG NO: PL28()-30()-()-5
签名 SIGNATURE: Steven		日期 DATE: 10/14/21		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	
制图 DRAWN: Steven		审核 CHECKED:		批准 APPROVAL:		CUST REV: -	