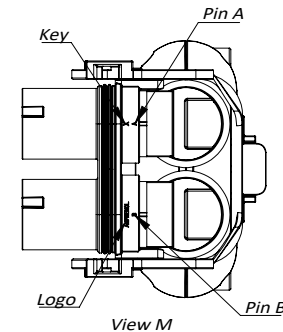
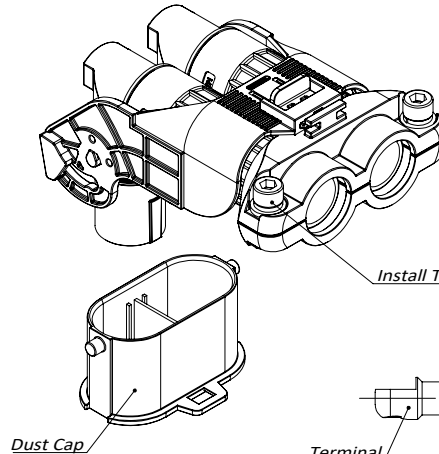
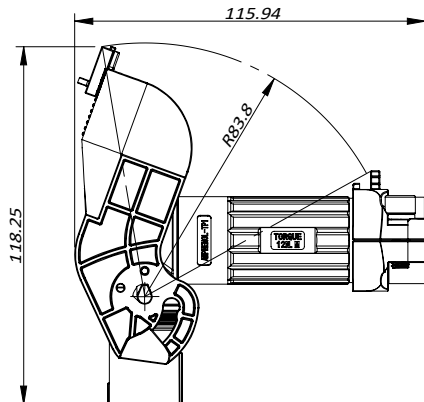
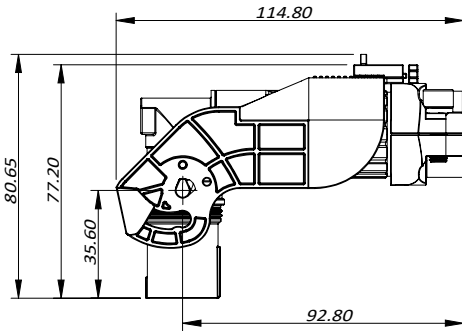
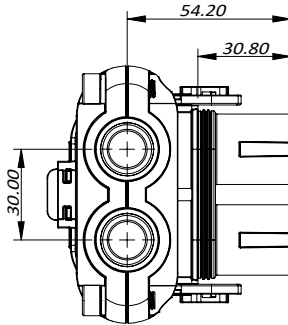
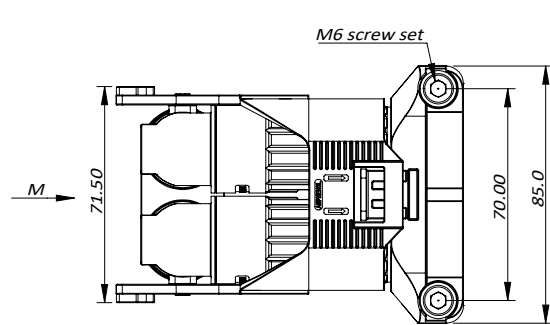
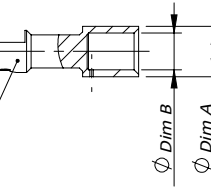


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CUSTOMER DRAWING



Install Torque: 3N·m±10%



Standard Part List:

Model No.	LEONI Part No.	Dia. Primary Insulation(mm)	Overall-Dia. Nominal(mm)	Outside-Dia. of terminal(mm): "A"	Inside-Dia. of terminal(mm): "B"
PL282(X)-30X-95-2-G30	FHLR2GCB2G 00020	16.9±0.3	20.6±0.3	18.2±0.3	13.2±0.3

订购信息 Ordering Information

PL282 X - 30 1 - 95 - 2 - G30

Key and Color
"X", Orange
"Y", Black
"U", Yellow
"V", Green
"W", Red
"T", Blue

HVIL
"0", NO HVIL
"1", With HVIL

Cable Size
"95"=95mm²

Cable Type:
"-G30", Leoni Cable

规格参数(Spec.):

- 工作温度 Operating temperature : -40°C ~ +125°C.
- 带高压互锁 Electrical interlock (HVIL).
- 额定电流 Current rating:
Power: 95mm²2,300A; HVIL: 5A.
- 额定电压 Operating voltage:
Power: 1500 VDC; Signal: 60 VDC.
- 耐电压 Dielectric withstanding voltage:
A.与插座对插后,Pin与铁壳之间
When mated, between pin and metal shell: 6000 VDC.
B.与插座对插后,Pin与HVIL之间
When mated, between pin and HVIL: 6000 VDC.
C.与插座对插后,HVIL与铁壳之间
When mated, between HVIL and metal shell: 500 VDC.
D.与插座对插前,两个HVIL端子之间耐压
Before mating, between two HVIL terminals: 500 VDC.
- 防护等级 Protection class:Mated-IP6k9k & IP67,unmated-IP2X.
- 电磁屏蔽 360°full Shielding.
- 机械寿命 Mating cycle:100 Min.
- 带CPA的摇杆系统 Latch system with CPA.
- 绝缘材料满足UL94 V-0 Inner insulation material satisfy UL94V-0.
- 镀灰锌/锌镍合金,满足500H中性盐雾实验
Gray Zinc/Nickel(ZnNi)Plating.Rated at 500hours salt spray.
- 产品满足RoHS和REACH要求,Parts must be RoHS and reach compliant.
- 绝缘体为140°RTI材料. The insulators are 140° RTI material.



Amphenol Technical Products International Asia.

第三角投影 THIRD ANGLE PROJECTION	页面 SHEET	幅面 SIZE	版次 REV.	比例 SCALE	PART NAME:
	1 OF 2	A4	01	1:2.5	PL300 G2 2POS Right Angle Plug
签名 SIGNATURE	日期 DATE	UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1.PL DEC ± 1.00 2.PL DEC ± 0.50 3.PL DEC ± 0.20 Angles ±1°			DWG NO:
制图 DRAWN	July.su	12/13/2022			
审核 CHECKED					
批准 APPROVAL					
					CUST PART #
					CUST REV.

Key
Characteristics
Contact
Amphenol for
Latest
Definition

Critical
关键特性
Significant
重要特性

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1	2	3	4	5	6	7	8
型号	Kit Package P/N	Bulk Package P/N	REVISONS				
PL282X-300-95-2-G30	AC-HA025148	AC-HA025148-2	REV#	ECN#	REVISION ACTION	REV.BY:	APPR.BY: DATE
PL282Y-300-95-2-G30	AC-HA025149	AC-HA025149-2	01	--	INITIAL RELEASE	JS	JL 12/13/2022
PL282U-300-95-2-G30	AC-HA025150	AC-HA025150-2					
PL282V-300-95-2-G30	AC-HA025151	AC-HA025151-2					
PL282W-300-95-2-G30	AC-HA025152	AC-HA025152-2					
PL282T-300-95-2-G30	AC-HA025153	AC-HA025153-2					
PL282X-301-95-2-G30	AC-HA025154	AC-HA025154-2					
PL282Y-301-95-2-G30	AC-HA025155	AC-HA025155-2					
PL282U-301-95-2-G30	AC-HA025156	AC-HA025156-2					
PL282V-301-95-2-G30	AC-HA025157	AC-HA025157-2					
PL282W-301-95-2-G30	AC-HA025158	AC-HA025158-2					
PL282T-301-95-2-G30	AC-HA025159	AC-HA025159-2					

Dust Cap

HVIL Protection cap

Note: Optional to be ordered separately

ITEM	DESCRIPTION	QTY	REMARK
10	PL300 G2 2POS plug protection cap	1	Order P/N AC-CP001617
9	PL300 G2 Dust cap for Plug	1	
8	PL10mm 2POS G2 clamp W CPA	2	Different P/N are used according to different Cable sizes
7	PL300 G2 Back Shell 14mm-90	2	Different P/N are used according to different Cable sizes
6	PL300 G2 cable sealing	2	Different P/N are used according to different Cable sizes
5	PL300 G2 Outer Copper Ring for R/A Plug	2	Different P/N are used according to different Cable sizes
4	PL300 G2 Inner Copper Ring	2	Different P/N are used according to different Cable sizes
3	PL300 G2 Canted Coil Spring for Plug	2	
2	PL300 G2 Plastic set	4	
1	PL300 G2 Front Shell 14mm-90 Assy	1	Different P/N are used according to different Cable sizes

AMPHENOL

Amphenol Technical Products International Asia.

第三角投影
THIRD ANGLE
PROJECTION

第三角投影
THIRD ANGLE
PROJECTION

2 OF 2

A4

01

1:2.5

UNLESS OTHERWISE SPECIFIED
1) All dimensions are in metric(mm).
2) Tolerances are as follows:
1.PL DEC ± 1.00
2.PL DEC ± 0.50
3.PL DEC ± 0.20

Angles ±1°

签 名 SIGNATURE

日期 DATE

制 图 DRAWN

July.su

12/13/2022

审 核 CHECKED

批 准 APPROVAL

Key Characteristics Critical 关键特性

Amphenol for Latest Definition Significant 重要性

PART NAME:
PL300 G2 2POS Right Angle Plug

DWG NO:
PL282X-30X-95-2-G30

CUST PART #

CUST REV.