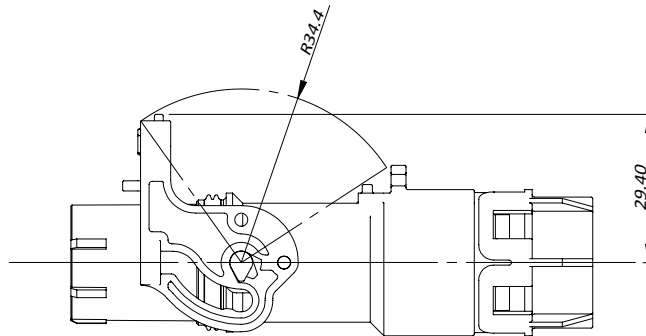
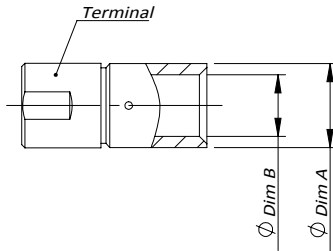
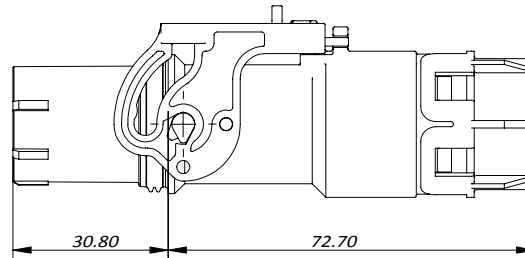
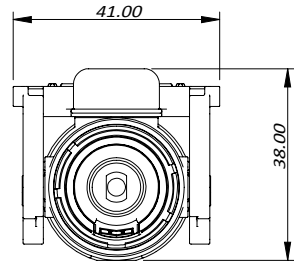
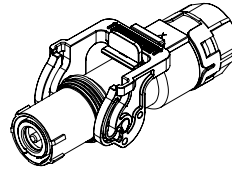


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CUSTOMER DRAWING



订购信息 Ordering Information

PL18 X - 30 1 - 25 - 2 - 5

Key and Color

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

Cable Size

"0", NO HVIL "25"=25mm²
"1", With HVIL "35"=35mm²

Cable Type:

"-5", Huber+Suhner

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: 25mm², 120A; 35mm², 150A; HVIL: 5A.
- 额定电压 Operating voltage:
Power: 1000 VDC; Signal: 60 VDC.
- 耐电压 Dielectric withstanding voltage:
 - 与插座对插后, Pin与铁壳之间
When mated, between pin and metal shell: 5000 VDC.
 - 与插座对插后, Pin与HVIL之间
When mated, between pin and HVIL: 5000 VDC.
 - 与插座对插后, HVIL与铁壳之间
When mated, between HVIL and metal shell: 500 VDC.
 - 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/镀锌合金, 符合RoHS, 满足500H中性盐雾实验
Gray Zinc/Nickel(ZnNi) Plating. RoHS compliant, Rated at 500hours salt spray.

Standard Part List:

Model No.	H+S Part No.	Dia. Primary Insulation(mm)	Dia. of Screen max. (mm)	Overall-Dia. Nominal(mm)	Outside-Dia. of terminal(mm): "A"	Inside-Dia. of terminal(mm): "B"
PL18(X)-30X-35-2-5	84100296	9.7±0.3	10.4	12.7±0.3	12.5±0.3	8.5±0.3
PL18(X)-30X-25-2-5	84100604	8.2±0.3	8.9	11.2±0.3	10.8±0.3	7.3±0.3



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		PL10mm G2 1POS Straight 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	Star	09/04/2020			PL18X-30X-25/35-2-5
审 核 CHECKED					CUST PART #
批 准 APPROVAL					CUST REV.

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1		2		3		4		5		6		7		8													
型号		AC P/N								REVISIONS																	
PL18X-300-25-2-5		AC-HA016616								REV#	ECN#	REVISION ACTION		REV.BY:	APPR.BY:	DATE											
PL18Y-300-25-2-5		AC-HA016617								01	--	INITIAL RELEASE		Star	James	09/04/2020											
PL18U-300-25-2-5		AC-HA016618																									
PL18V-300-25-2-5		AC-HA016619																									
PL18W-300-25-2-5		AC-HA016620																									
PL18T-300-25-2-5		AC-HA016621																									
PL18X-301-25-2-5		AC-HA016622																									
PL18Y-301-25-2-5		AC-HA016623																									
PL18U-301-25-2-5		AC-HA016624																									
PL18V-301-25-2-5		AC-HA016625																									
PL18W-301-25-2-5		AC-HA016626																									
PL18T-301-25-2-5		AC-HA016627																									
PL18X-300-35-2-5		AC-HA016628																									
PL18Y-300-35-2-5		AC-HA016629																									
PL18U-300-35-2-5		AC-HA016630																									
PL18V-300-35-2-5		AC-HA016631																									
PL18W-300-35-2-5		AC-HA016632																									
PL18T-300-35-2-5		AC-HA016633																									
PL18X-301-35-2-5		AC-HA016634																									
PL18Y-301-35-2-5		AC-HA016635																									
PL18U-301-35-2-5		AC-HA016636																									
PL18V-301-35-2-5		AC-HA016637																									
PL18W-301-35-2-5		AC-HA016638																									
PL18T-301-35-2-5		AC-HA016639																									
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