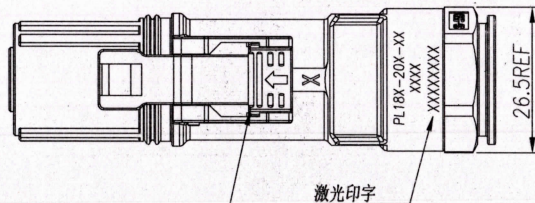
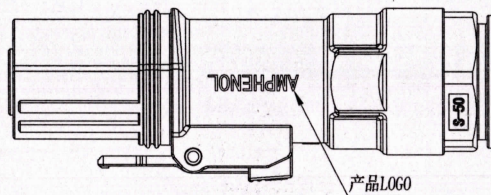
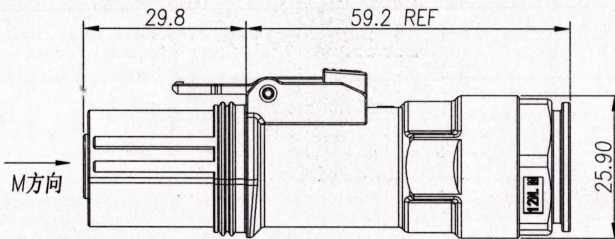
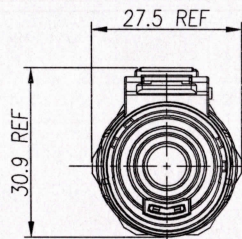


Customer Drawing



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



订购信息 Ordering Information

PL18 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

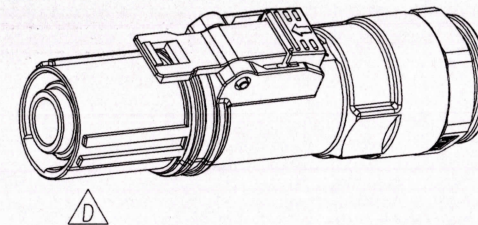
线缆大小 Cable Size

"50"=50mm²
"35"=35mm²
"25"=25mm²

规格参数 (Spec.):

- 工作温度 Operating temperature: -40° C~+125° C.
- 额定电流 Current rating(Connector Only):
25mm²:120 A;35mm²:150 A;50mm²:200 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.
- 带高压互锁 Electrical interlock (HVIL).
- 配插座 Mating receptacle: See drawing "PL00-200"

REVISIONS					
REV	ZONE	ECO	DESCRIPTION	DATE	BY APPR
A	--	--	INITIAL RELEASE	07/14/15	RW EC
B	--	--	修改尾盖结构	10/12/18	Fred JL
C	--	--	增加CableOD	07/22/20	Steven JL
D	--	--	修改视图错误	11/30/20	Steven JL



Standard Part List (With HVIL)

P/N	Accepted Wire OD
PL18X-201-25	13.5±0.3
PL18Y-201-25	
PL18U-201-25	
PL18V-201-25	
PL18W-201-25	
PL18X-201-35	14.5±0.5
PL18Y-201-35	
PL18U-201-35	
PL18V-201-35	
PL18W-201-35	
PL18X-201-50	17.0±0.5
PL18Y-201-50	
PL18U-201-50	
PL18V-201-50	
PL18W-201-50	

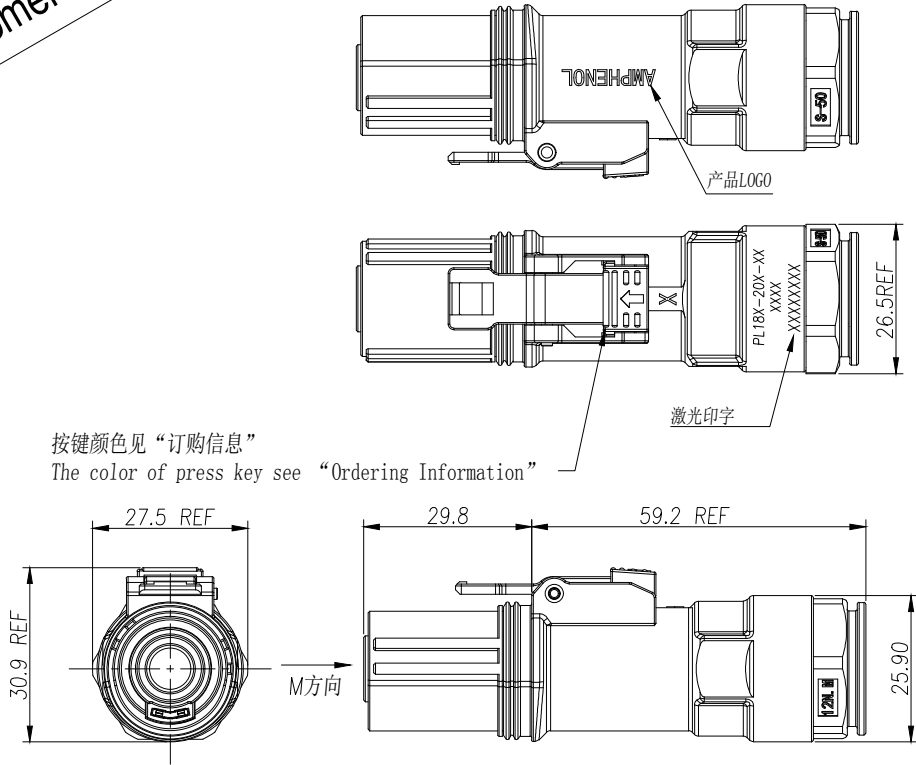
Standard Part List (Without HVIL)

P/N	Accepted Wire OD
PL18X-200-25	13.5±0.3
PL18Y-200-25	
PL18U-200-25	
PL18V-200-25	
PL18W-200-25	
PL18X-200-35	14.5±0.5
PL18Y-200-35	
PL18U-200-35	
PL18V-200-35	
PL18W-200-35	
PL18X-200-50	17.0±0.5
PL18Y-200-50	
PL18U-200-50	
PL18V-200-50	
PL18W-200-50	

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:
	1 of 1	A3	D		PowerLok 8mm 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). 2) Tolerances are as follows: 0 PL DEC ±1.00 1 PL DEC ±0.50 2 PL DEC ±0.20			PL18-200
审 核 CHECKED		Angles ±1°			CUST PART #:
批 准 APPROVAL					N/A
					CUST REV.
					-

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Customer Drawing



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

订购信息 Ordering Information

PL18 X - 20 1 - 50

键位及颜色 Key & Color

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"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
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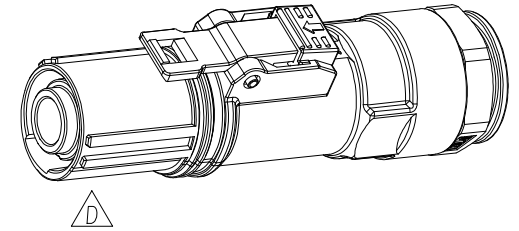
线缆大小 Cable Size

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"35"=35mm²
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规格参数 (Spec.):

- 工作温度 Operating temperature: -40° C~+125° C.
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- 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.
- 带高压互锁 Electrical interlock (HVIL).
- 配对插座 Mating receptacle : See drawing "PL00-200"

6		7		8		
REV		ZONE		ECO		DESCRIPTION
A	--	--	--	DATE		BY
B	--	--	--	DATE		BY
C	--	--	--	DATE		BY
D	--	--	--	DATE		BY



Standard Part List (With HVIL)

P/N	Accepted Wire OD
PL18X-201-25	13.5±0.3
PL18Y-201-25	
PL18U-201-25	
PL18V-201-25	
PL18W-201-25	
PL18X-201-35	14.5±0.5
PL18Y-201-35	
PL18U-201-35	
PL18V-201-35	
PL18W-201-35	
PL18X-201-50	17.0±0.5
PL18Y-201-50	
PL18U-201-50	
PL18V-201-50	
PL18W-201-50	

Standard Part List (Without HVIL)

P/N	Accepted Wire OD
PL18X-200-25	13.5±0.3
PL18Y-200-25	
PL18U-200-25	
PL18V-200-25	
PL18W-200-25	
PL18X-200-35	14.5±0.5
PL18Y-200-35	
PL18U-200-35	
PL18V-200-35	
PL18W-200-35	
PL18X-200-50	17.0±0.5
PL18Y-200-50	
PL18U-200-50	
PL18V-200-50	
PL18W-200-50	

AMPHENOL
TP

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:

PowerLok 8mm 1POS Plug Assy

日期 DATE

11/30/20

审核 CHECKED

批准 APPROVAL

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

Angles ±1°

DWG NO:

PL18-200

CUST PART #:

N/A

CUST REV.

-