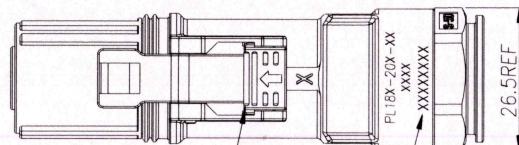
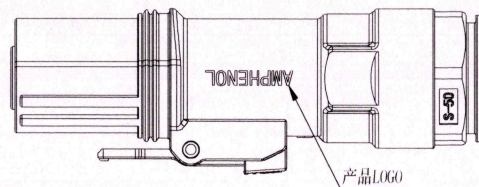


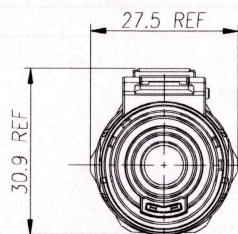
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Customer Drawing

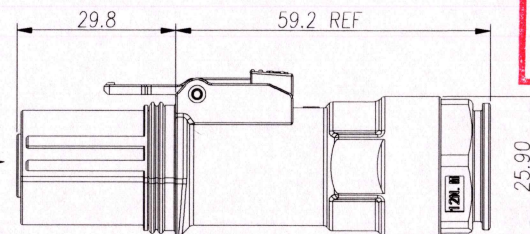
REV		ZONE	ECO	REVISIONS		DATE	BY	APPR
				DESCRIPTION				
A	--	--	--	INITIAL RELEASE		01/28/16	RW	EC
B	--	--	--	修改尾盖结构		10/12/18	Fred	JL
C	--	--	--	更改防尘盖		04/15/21	Steven	JL



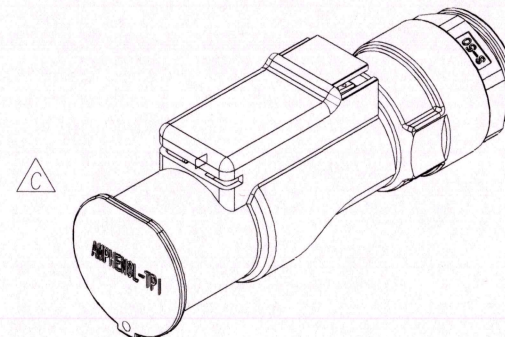
按键颜色见“订购信息”
The color of press key see “Ordering Information”



M方向



Amphenol TPI
2021-04-21
REGISTERED COPY



Standard Part List
(With HVIL)

P/N
PL48X-201-25
PL48Y-201-25
PL48U-201-25
PL48V-201-25
PL48W-201-25
PL48X-201-35
PL48Y-201-35
PL48U-201-35
PL48V-201-35
PL48W-201-35
PL48X-201-50
PL48Y-201-50
PL48U-201-50
PL48V-201-50
PL48W-201-50

Standard Part List
(Without HVIL)

P/N
PL48X-200-25
PL48Y-200-25
PL48U-200-25
PL48V-200-25
PL48W-200-25
PL48X-200-35
PL48Y-200-35
PL48U-200-35
PL48V-200-35
PL48W-200-35
PL48X-200-50
PL48Y-200-50
PL48U-200-50
PL48V-200-50
PL48W-200-50

订购信息 Ordering Information

PL48	X	-	20	1	-	50
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		"50"=50mm ²	
"Y", 黑色 Black			1, 带互锁 With HVIL		"35"=35mm ²	
"U", 黄色 Yellow					"25"=25mm ²	
"V", 绿色 Green						
"W", 红色 Red						

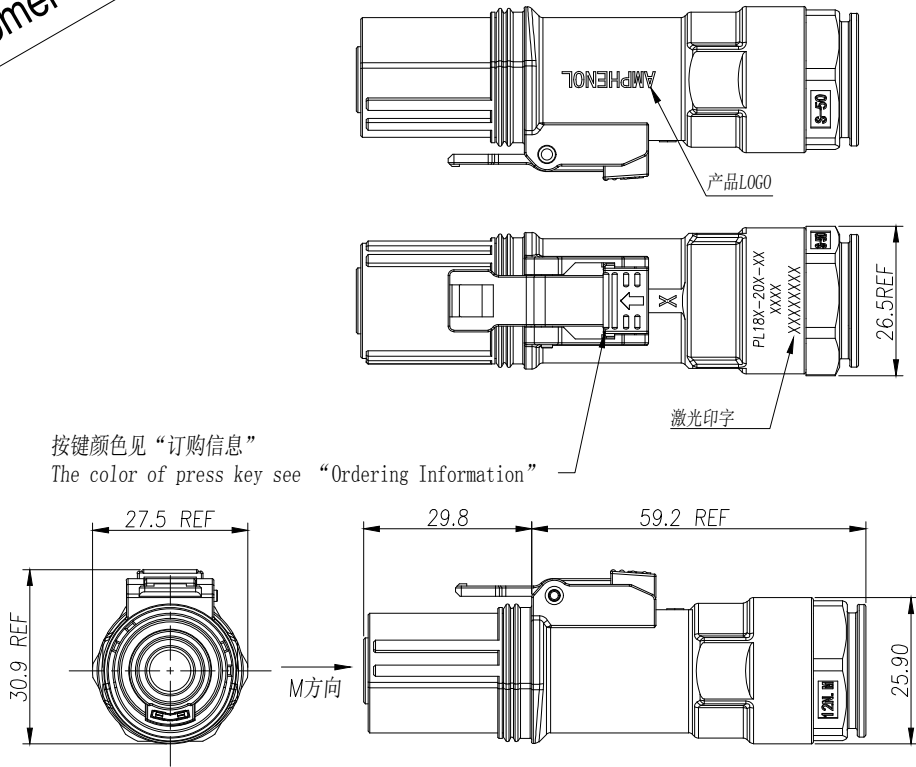
规格参数 (Spec.):

- 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.
- 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"

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: PowerLok 8mm 1POS Plug Assy	
1 of 1		A3	C			DWG NO: PL48-200	
签 名 SIGNATURE		日期 DATE		UNLESS OTHERWISE SPECIFIED		CUST PART #	
制 图 DRAWN		Sven		04/15/21		N/A	
审 核 CHECKED						CUST REV.	
批 准 APPROVAL							

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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

PL48 X - 20 1 - 50

规格参数 (Spec.):

- 工作温度 Operating temperature: $-40^{\circ}\text{C}\sim+125^{\circ}\text{C}$.
- 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.
- 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”

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

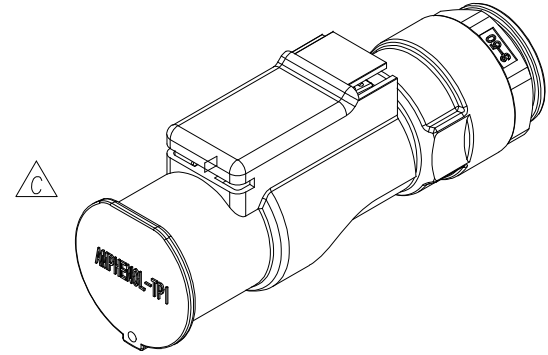
高压互锁 HVIL

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

6		7		8		
REV		ZONE		ECO		DESCRIPTION
A	--	--	--	01/28/16		INITIAL RELEASE
B	--	--	--	10/12/18		修改尾盖结构
C	--	--	--	04/15/21		更改防尘盖



Standard Part List (With HVIL)

P/N
PL48X-201-25
PL48Y-201-25
PL48U-201-25
PL48V-201-25
PL48W-201-25
PL48X-201-35
PL48Y-201-35
PL48U-201-35
PL48V-201-35
PL48W-201-35
PL48X-201-50
PL48Y-201-50
PL48U-201-50
PL48V-201-50
PL48W-201-50

Standard Part List (Without HVIL)

P/N
PL48X-200-25
PL48Y-200-25
PL48U-200-25
PL48V-200-25
PL48W-200-25
PL48X-200-35
PL48Y-200-35
PL48U-200-35
PL48V-200-35
PL48W-200-35
PL48X-200-50
PL48Y-200-50
PL48U-200-50
PL48V-200-50
PL48W-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
1 OF 1		A3	C			DWG NO: PL48-200
签 名 SIGNATURE		日期 DATE	UNLESS OTHERWISE SPECIFIED			CUST PART #:
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			CUST REV. -
审 核 CHECKED			Angles ±1°			
批 准 APPROVAL						