

PIEZO SWITCH

压电开关

特点

- 高防水 IP68, IP69K
- 安装孔径 12/16/19/22/25/28/30mm
- 金属表面, 易于清洁
- 超长寿命
- 环形灯或点式灯发光可选
- 不锈钢或铝氧化各种色彩外壳

Features

- Sealed to IP68 and IP69K
- 12/16/19/22/25/28/30mm mounting diameter
- Easy to clean metal surface
- Very long life expectancy
- Ring or dot led illuminated
- Stainless steel or aluminum oxidation colored housing.



Piezo switch description 压电开关型号说明

For Example: PS16B-PNOF-EB12V/As

PS	○	□	—	★	◆	■	—	○	▲	▼	/	◎
Aibeiken Code 埃贝肯代号	Mounting hole size 安装孔尺寸	Series 系列	Head shape 头部形状	Operation types 操作类型	Connection types 接线方式	带灯类型 Operation types	LED color 灯珠颜色	LED voltage 灯珠电压	Housing Material 外壳材质			
PS	12 Φ12mm 16 Φ16mm 19 Φ19mm 22 Φ22mm 25 Φ25mm 28 Φ28mm 30 Φ30mm	A B C D E	P:Flat, height 1.30 P1:Flat, height 4.5 P2:Flat, height 3.0 C:Concave, height 1.30 C1:Concave, height 4.5 C2:Concave, height 3.0 T:Chamfer, height 1.30 T1:Chamfer, height 4.5 T2:Chamfer, height 3.0 P: 平面,高 1.30 P1: 平面,高 4.5 P2: 平面,高 3.0 C: 凹面,高 1.30 C1: 凹面,高 4.5 C2: 凹面,高 3.0 T: 斜面,高 1.30 T1: 斜面,高 4.5 T2: 斜面,高 3.0	NO: Normally Open NC: Normally Close K: Prolongated pulse NO: 常开 NC: 常闭 K: 延时	F: Momentary (2 wire leads) Z: Latching (3 wire leads) F: 自复式(2线) Z: 自锁式(3线)	E: Ring D: Dot E: 环形发光 D: 点式发光		3V 5V 6V 12V 24V	S: stainless steel 316L As: Silver anodized Ab: Blue anodized Aa: Black anodized Ag: Green anodized Ay: Gold anodized Ar: Red anodized Ap: Purple anodized S: 不锈钢 316L As: 铝氧化银色 Ab: 铝氧化蓝色 Aa: 铝氧化黑色 Ag: 铝氧化绿色 Ay: 铝氧化金色 Ar: 铝氧化红色 Ap: 铝氧化紫色			

Note: 1. Bi-color or tri-color can be combined by any of led colors.

2. Please read carefully product detailed information, according to different product structure state in the table select the corresponding code.


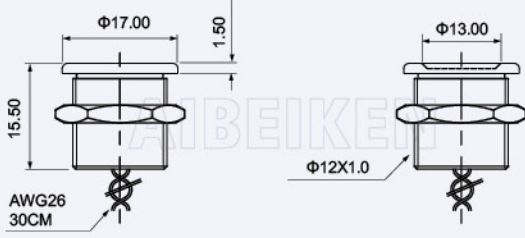

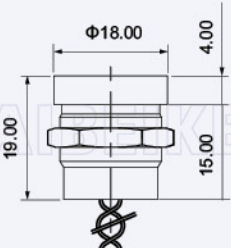

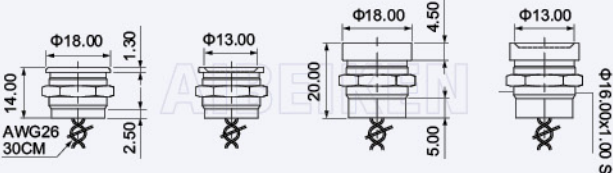

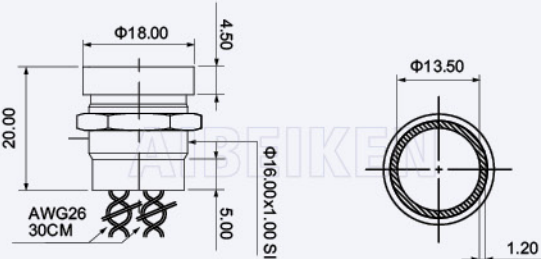
注: 1. 双色和三色灯可以任意LED灯色组合。2. 请仔细阅读产品详细信息, 根据不同产品结构状态在该表中选取相应代号。


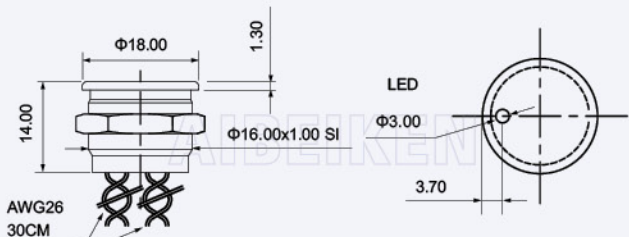

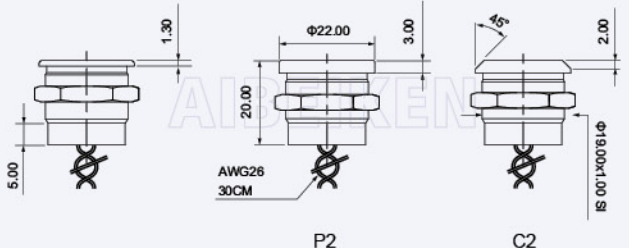

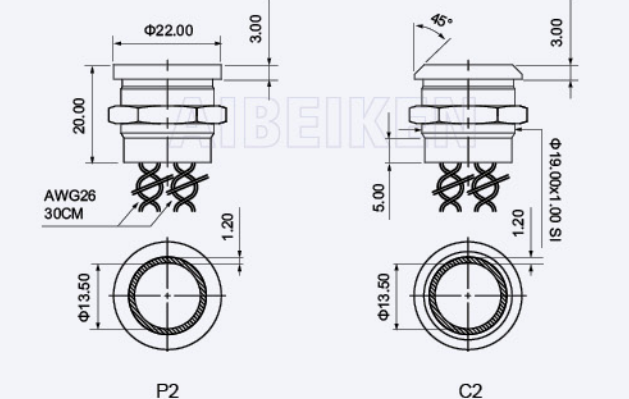

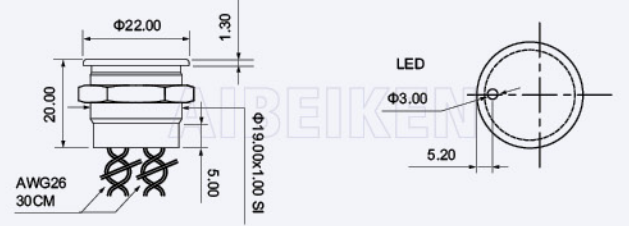
Wiring Diagrams


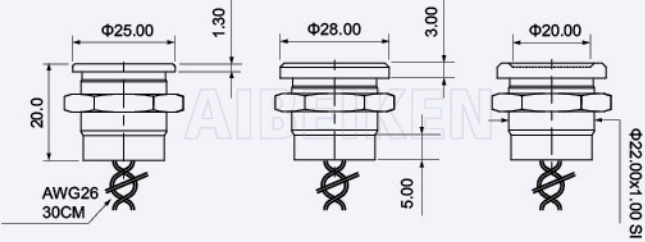

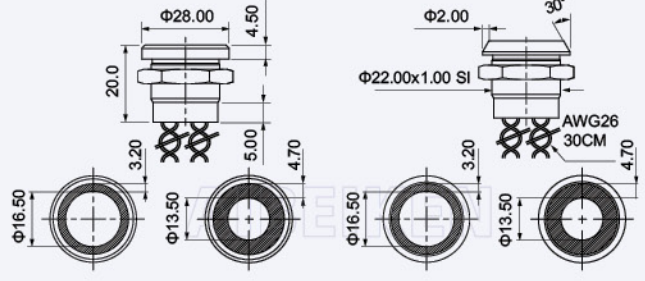

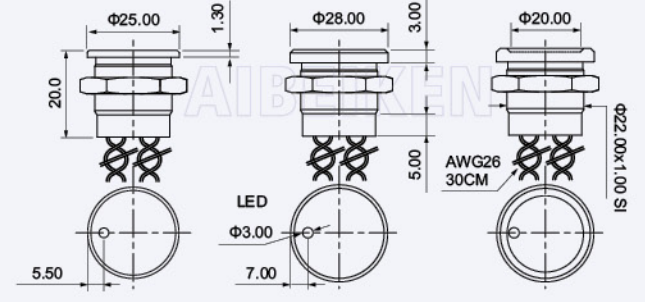

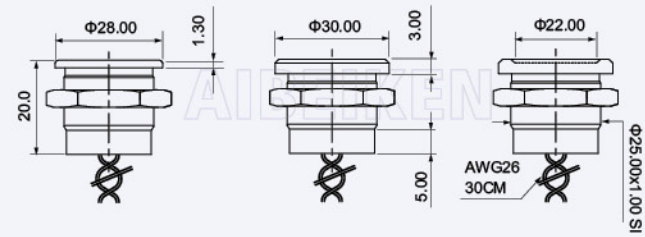
Function	Non-illuminated	1 LED *	2 LEDs	3 LEDs
Momentary NO 复位常开				
Momentary NC 复位常闭				
Momentary NO prolongated pulse 复位延时				
Latching (ON - OFF) 自锁 (ON - OFF)				BR brown +V BK black GND BL blue output



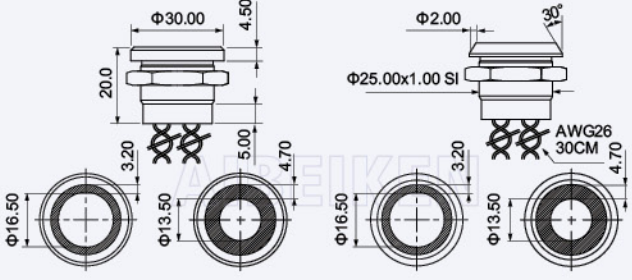


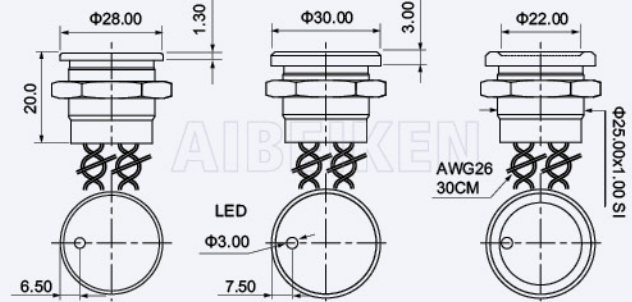

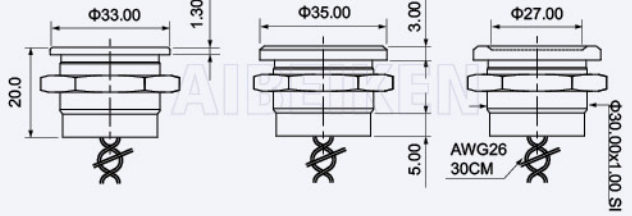
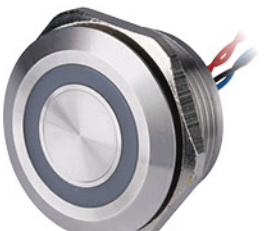

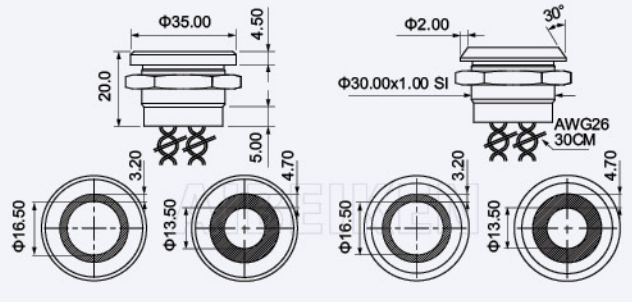
Note: Legend: B = black, A = same colour as LED, *LED colour is indicated by the bottom of the product.


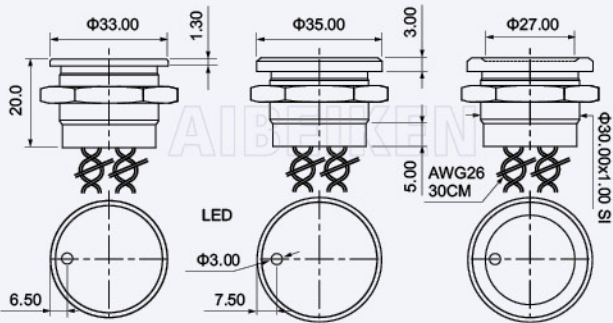

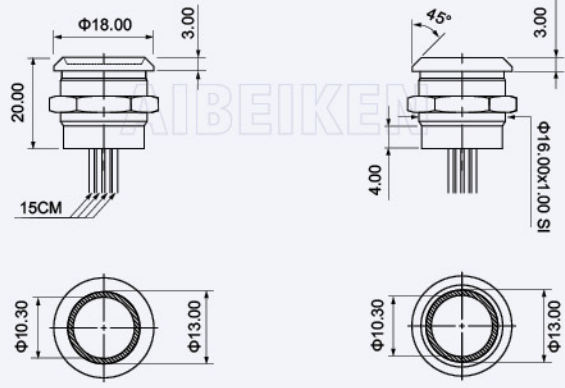

注意: B=黑色, A=跟LED灯颜色一致, LED颜色在每个产品底部有标记。

Appearance	Parameter	Outline Dimensional Drawing
 <p>PS12B-PNOF</p>	Diameter: 12mm 孔径 Shape: Flat/Concave/Chamfer 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Crust Material: Stainless steel/ Aluminum anodized 外壳材质 Switch Rating: 2A 开关额定值 Connection mode: Wire Lead 接线方式 Protection Grade: IP68 防护等级	 <p>AWG26 30CM</p> <p>Φ17.00 1.50 15.50</p> <p>Φ13.00 Φ12X1.0</p> <p>C</p>
 <p>PS12B-PNOF-E</p>	Diameter: 12mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Luminous Type: Ring 发光类型 Luminous Color: RGBYWLP 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 发光电压 Crust Material: Stainless steel/ Aluminum anodized 外壳材质 Switch Rating: 2A 开关额定值 Connection mode: Wire Lead 300mm long 接线方式 Protection Grade: IP68 IK69 防护等级	 <p>Φ18.00 19.00 15.00</p>
 <p>PS16B-PNO_</p>	Diameter: 16mm 孔径 Shape: Flat/Concave/Chamfer 头部形状 Configuration: NO/NC/K 开关组合 Operation Type: Momentary/Latching 操作类型 Crust Material: Stainless steel/ Aluminum anodized 外壳材质 Switch Rating: 2A 开关额定值 Connection mode: Wire Lead 接线方式 Protection Grade: IP68 防护等级	 <p>Φ18.00 14.00 2.50 AWG26 30CM</p> <p>Φ13.00</p> <p>Φ18.00 20.00 4.50 5.00</p> <p>Φ13.00 IS Φ16.00X1.00 SI</p> <p>C P1 C1</p>
 <p>PS16B-PNO_E</p>	Diameter: 16mm 孔径 Shape: Flat/Concave/Chamfer 头部形状 Configuration: NO/NC/K 开关组合 Operation Type: Momentary/Latching 操作类型 Luminous Type: Ring 发光类型 Luminous Color: RGBYWLP 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 发光电压 Crust Material: Stainless steel/ Aluminum anodized 外壳材质 Switch Rating: 2A 开关额定值 Connection mode: Wire Lead 300mm long 接线方式 Protection Grade: IP68 IK69 防护等级	 <p>Φ18.00 20.00 4.50 AWG26 30CM</p> <p>Φ16.00X1.00 SI</p> <p>Φ13.50 1.20</p> <p>P1</p>

Appearance	Parameter	Outline Dimensional Drawing
 <p>PS16B-PNO_D</p>	<p>Diameter: 16mm 孔径 Shape: Flat/Concave/Chamfer 头部形状 Configuration: NO/NC/K 开关组合 Operation Type: Momentary/Latching 操作类型 Luminous Type: Dot 发光类型 Luminous Color: RGBYWPBGB 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 发光电压 Crust Material: Stainless steel/Aluminum anodized 外壳材质 Switch Rating: 2A 开关额定值 Connection mode: Wire Lead 300mm long 接线方式 Protection Grade: IP68 IK69 防护等级</p>	 <p>Technical drawing showing dimensions: $\Phi 18.00$, 1.30, 14.00, $\Phi 16.00 \times 1.00$ SI, 3.70, LED, $\Phi 3.00$, AWG26 30CM.</p>
 <p>PS19B-CNO_</p>	<p>Diameter: 19mm 孔径 Shape: Flat/Concave/Chamfer 头部形状 Configuration: NO/NC/K 开关组合 Operation Type: Momentary/Latching 操作类型 Crust Material: Stainless steel/Aluminum anodized 外壳材质 Switch Rating: 2A 开关额定值 Connection mode: Wire Lead 接线方式 Protection Grade: IP68 防护等级</p>	 <p>Technical drawing showing dimensions: 1.30, $\Phi 22.00$, 3.00, 20.00, 5.00, AWG26 30CM, P2, C2, $\Phi 13.50$, IS 001 X00161 Φ, 2.00.</p>
 <p>PS19B-TNO_E</p>	<p>Diameter: 19mm 孔径 Shape: Flat/Concave/Chamfer 头部形状 Configuration: NO/NC/K 开关组合 Operation Type: Momentary/Latching 操作类型 Luminous Type: Ring 发光类型 Luminous Color: RGBYWPBGB 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 发光电压 Crust Material: Stainless steel/Aluminum anodized 外壳材质 Switch Rating: 2A 开关额定值 Connection mode: Wire Lead 300mm long 接线方式 Protection Grade: IP68 IK69 防护等级</p>	 <p>Technical drawing showing dimensions: $\Phi 22.00$, 3.00, 20.00, AWG26 30CM, 1.20, $\Phi 13.50$, P2, C2, 5.00, 1.20, IS 001 X00161 Φ, 3.00.</p>
 <p>PS19B-PNO_D</p>	<p>Diameter: 19mm 孔径 Shape: Flat/Concave/Chamfer 头部形状 Configuration: NO/NC/K 开关组合 Operation Type: Momentary/Latching 操作类型 Luminous Type: Dot 发光类型 Luminous Color: RGBYWPBGB 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 发光电压 Crust Material: Stainless steel/Aluminum anodized 外壳材质 Switch Rating: 2A 开关额定值 Connection mode: Wire Lead 300mm long 接线方式 Protection Grade: IP68 IK69 防护等级</p>	 <p>Technical drawing showing dimensions: $\Phi 22.00$, 1.30, 20.00, 5.00, AWG26 30CM, $\Phi 19.00 \times 1.00$ SI, LED, $\Phi 3.00$, 5.20.</p>

Appearance	Parameter	Outline Dimensional Drawing
 <p>PS22B-PNO_</p>	<p>Diameter: 22mm 孔径 Shape: Flat/Concave/Chamfer 头部形状 Configuration: NO/NC/K 开关组合 Operation Type: Momentary/Latching 操作类型 Crust Material: Stainless steel/ Aluminum anodized 外壳材质 Switch Rating: 2A 开关额定值 Connection mode: Wire Lead 接线方式 Protection Grade: IP68 防护等级</p>	
 <p>PS22B-TNO_E</p>	<p>Diameter: 22mm 孔径 Shape: Flat/Concave/Chamfer 头部形状 Configuration: NO/NC/K 开关组合 Operation Type: Momentary/Latching 操作类型 Luminous Type: Dot 发光类型 Luminous Color: RGBYWPG 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 发光电压 Crust Material: Stainless steel/ Aluminum anodized 外壳材质 Switch Rating: 2A 开关额定值 Connection mode: Wire Lead 300mm long 接线方式 Protection Grade: IP68 IK69 防护等级</p>	
 <p>PS22B-PNO_D</p>	<p>Diameter: 22mm 孔径 Shape: Flat/Concave/Chamfer 头部形状 Configuration: NO/NC/K 开关组合 Operation Type: Momentary/Latching 操作类型 Luminous Type: Dot 发光类型 Luminous Color: RGBYWPG 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 发光电压 Crust Material: Stainless steel/ Aluminum anodized 外壳材质 Switch Rating: 2A 开关额定值 Connection mode: Wire Lead 300mm long 接线方式 Protection Grade: IP68 IK69 防护等级</p>	
 <p>PS25B-PNO_</p>	<p>Diameter: 25mm 孔径 Shape: Flat/Concave/Chamfer 头部形状 Configuration: NO/NC/K 开关组合 Operation Type: Momentary/Latching 操作类型 Crust Material: Stainless steel/ Aluminum anodized 外壳材质 Switch Rating: 2A 开关额定值 Connection mode: Wire Lead 接线方式 Protection Grade: IP68 防护等级</p>	

Appearance	Parameter	Outline Dimensional Drawing
 <p>PS25B-TNO_E</p>	<p>Diameter: 25mm 孔径 Shape: Flat/Concave/Chamfer 头部形状 Configuration: NO/NC/K 开关组合 Operation Type: Momentary/Latching 操作类型 Luminous Type: Dot 发光类型 Luminous Color:  发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 发光电压 Crust Material: Stainless steel/Aluminum anodized 外壳材质 Switch Rating: 2A 开关额定值 Connection mode: Wire Lead 300mm long 接线方式 Protection Grade: IP68 IK69 防护等级</p>	 <p>P1 T1</p>
 <p>PS25B-PNO_D</p>	<p>Diameter: 25mm 孔径 Shape: Flat/Concave/Chamfer 头部形状 Configuration: NO/NC/K 开关组合 Operation Type: Momentary/Latching 操作类型 Luminous Type: Dot 发光类型 Luminous Color:  发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 发光电压 Crust Material: Stainless steel/Aluminum anodized 外壳材质 Switch Rating: 2A 开关额定值 Connection mode: Wire Lead 300mm long 接线方式 Protection Grade: IP68 IK69 防护等级</p>	 <p>P2 C2</p>
 <p>PS30B-PNO_</p>	<p>Diameter: 30mm 孔径 Shape: Flat/Concave/Chamfer 头部形状 Configuration: NO/NC/K 开关组合 Operation Type: Momentary/Latching 操作类型 Crust Material: Stainless steel/Aluminum anodized 外壳材质 Switch Rating: 2A 开关额定值 Connection mode: Wire Lead 接线方式 Protection Grade: IP68 防护等级</p>	 <p>P2 C2</p>
 <p>PS30B-TNO_E</p>	<p>Diameter: 30mm 孔径 Shape: Flat/Concave/Chamfer 头部形状 Configuration: NO/NC/K 开关组合 Operation Type: Momentary/Latching 操作类型 Luminous Type: Dot 发光类型 Luminous Color:  发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 发光电压 Crust Material: Stainless steel/Aluminum anodized 外壳材质 Switch Rating: 2A 开关额定值 Connection mode: Wire Lead 300mm long 接线方式 Protection Grade: IP68 IK69 防护等级</p>	 <p>P1 T1</p>

Appearance	Parameter	Outline Dimensional Drawing
 <p>PS30B-PNO_-D</p>	<p>Diameter: 30mm 孔径 Shape: Flat/Concave/Chamfer 头部形状 Configuration: NO/NC/K 开关组合 Operation Type: Momentary/Latching 操作类型 Luminous Type: Dot 发光类型 Luminous Color: RGBYWPB 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 发光电压 Crust Material: Stainless steel/ Aluminum anodized 外壳材质 Switch Rating: 2A 开关额定值 Connection mode: Wire Lead 300mm long 接线方式 Protection Grade: IP68 IK69 防护等级</p>	
 <p>IB16PD Touch Switch</p>	<p>Diameter: 16/19/22/25/28/30mm 孔径 Shape: Flat/Concave 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary/Latching/ Stepless Dimming/Segmented Dimming 操作类型 Luminous Type: Ring 发光类型 Luminous Color: RGBYWPB 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 发光电压 Crust Material: Nickel plated brass/ Stainless steel 外壳材质 Switch Rating: 0-7A 开关额定值 Connection mode: Wired/Pin terminal 接线方式 Protection Grade: IP67 IK08 防护等级</p>	
 <p>IB19AD Touch Switch</p>	<p>Diameter: 16/19/22/25/28/30mm 孔径 Shape: Flat/Concave 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary/Latching/ Stepless Dimming/Segmented Dimming 操作类型 Luminous Type: Ring 发光类型 Luminous Color: RGBYWPB 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 发光电压 Crust Material: Nickel plated brass/ Stainless steel 外壳材质 Switch Rating: 0-7A 开关额定值 Connection mode: Wired/Pin terminal 接线方式 Protection Grade: IP67 IK08</p>	