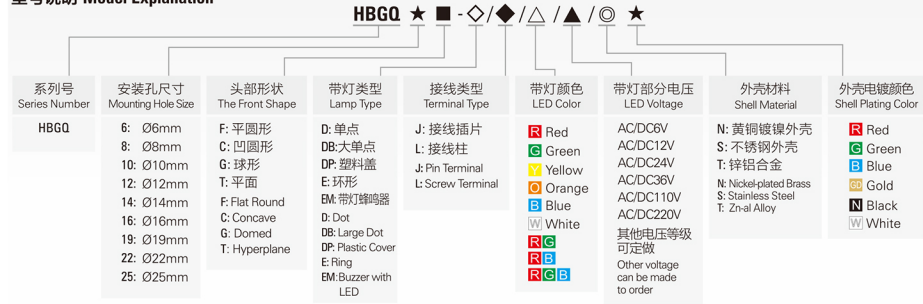


HBGQ 指示灯系列



型号说明 Model Explanation

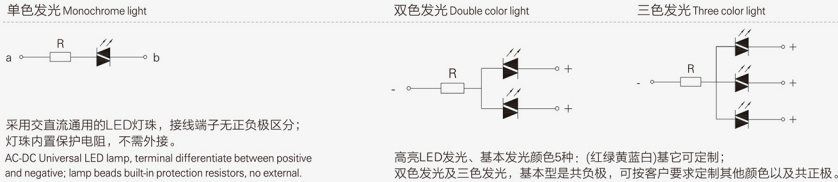


LED灯珠规格 LED Lamp Specifications

灯珠类型 Lamp Type	双向LED灯珠(交直流通用) Bi-directional LED lamp (AC DC Universal)	额定电流 Rated Current	约20mA about 20mA
发光颜色 Color	R G C B W  R G R B R G B	寿命 Life	50000小时(参考值) 50000 hours (reference value)
额定电压 Rated Voltage	1.8V、2.8V、6V、12V、24V、36V、110V、220V		

注: 如需单向直流LED灯珠可定做; 其他电压规格可按要求定做。  
Note: Unidirectional DC LED lamp can be customized if needed; other voltage specifications could be special made

Lamp Equivalent Circuit



技术规格 Technical Specifications

灯光电压 LED Voltage	工作电压(最小到最大) Operating voltage (Min to Max)	工作电流(典型所有类型) Operating Current (Typical all types)	灯光颜色 Intensity (Typical) at top standard	主波长 Main wavelength	发光强度 Flush (all voltages)
3V(无电阻 No Resistor)	1.8-3.2VDC	20mA	红色 Red	620-625nm	120-210mcd
12VDC	10.8-13.2VDC	7-~20mA	绿色 Green	520-530nm	350-600mcd
24VDC	20.5-26.4VDC	7-~20mA	黄色 Yellow	600-610nm	40-80mcd
36VDC	28-40VDC	6-~20mA	蓝色 Blue	460-475nm	160-250mcd
110VAC	99-121VDC	6mA	白色 White	600-670nm	600-1100mcd
220VAC	200-255VDC	1.8mA-3mA			

注: 发光强度会降低工作电流。  
Note: Luminous intensity will be reduced with lower operating current.

性能参数 Parameters

绝缘电阻 Insulation Resistance	≥100M Ω	接线类型 Terminal Type	接线插片/接线柱 Pin terminal / Screw terminal
介电强度 Dielectric Strength	AC1000V	基板材质 Base material	塑料底座 Plastic base
环境温度 Operating Temperature	-40°C~+85°C		
防护等级 Degree of Protection	IP65, IP67		

HBGQ Series LED Indicator



部分产品焊接注意事项 Welding Precautions

任何不正确的焊接操作都可能导致产品塑料变形、开关接触不良等。用户在使用引脚式按钮开关、信号灯时, 因焊接不当导致产品损坏的现象时有发生, 故敬请各位用户在接线操作时务必注意以下几点:

- 选择合适的电烙铁, 加快焊接速度, 建议使用30W以下电烙铁在320°C时2秒内完成焊接。
- 助焊剂必须适量, 焊接时尽量将开关引脚朝下。
- 尽量采用插线端子连接, 避免焊接连接。

Any improper welding operation may lead to product plastic deformation, poor switch contact. Users using pin-type button switches, lights, due to improper welding damage to the product. Phenomenon occurs from time to time, so please be sure to pay attention to the following points in the wiring operation:

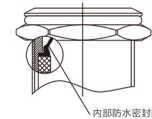
- Choose the right electric iron, speed up the welding speed, it is recommended to use the following 30W electric iron at 320 ° C. When 2 seconds to finish welding.
- Flux must be moderate, try to switch the pin down when welding.
- Try to use plug-in terminals to avoid welding connections.

防护与安装说明 Protection and installation instructions

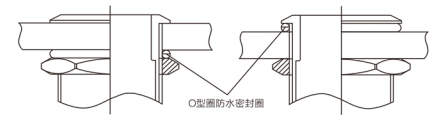
金属指示灯外壳采用金属材料, 与塑料指示灯相比, 不紧增强了其美观性, 外观颜色可多样化, 并且大幅度提升了头部(安装面板以上)防尘防水性能、防爆性能及防腐性等。防水等级IP65-IP67, 防爆能力IK08。

Metal indicator use metal housing, not only the appearance would be more beautiful and multi-colorful compared with plastic indicator, but also enhance the dustproof and waterproof, explosion resistance and corrosion resistance performance of the head (above the panel mount) etc. IP65-IP67 waterproof, Explosion-proof IK08.

内部P防尘、防水结构



外部O型圈密封圈安装方法



标识定做 Identification custom

金属信号灯的发光表面可以激光刻字、图案或发光文字与图案, 可根据客户要求定制。具有新颖与美观性, 并替代指示标牌的作用。

The surface of the key metal lamp, can be laser engraving patterns or luminous words and patterns, can be customized according to customer requirements. with novel and beautiful appearance, and replace the role of signs.

激光刻字效果图



激光刻穿发光效果图



符号定制举例



安装效果预览 Installation Effect Preview

