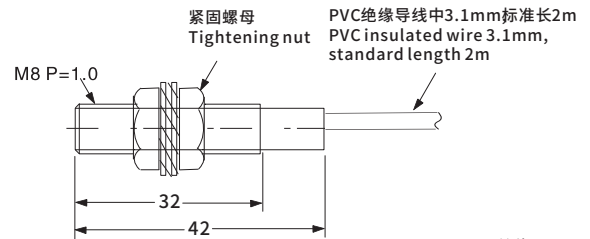
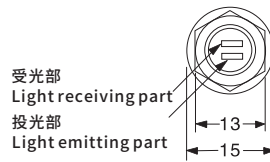


## DPC08系列 DPC08 Series


 单位: mm  
Unit: mm

型号 Model		电气数据 Electrical Data	
NPN	DPC08-D03NO	开关模式 Switch mode	Light.on (入光动作) Light.on (Light Action)
PNP	DPC08-D03PO	输出模式 Output mode	NPN或PNP集电极开路 NPN or PNP open collector
<b>基本特点 Basic Features</b>		响应时间 Response time	3ms
工作原理 Working principle	光电传感器 Photoelectric Sensors	开关频率 Switching frequency	0.67kHz
外壳样式 Enclosure style	圆柱形 Cylindrical	重复精度 Repeatability	5%
光学工作原理 How optics work	漫反射 Reflection	迟滞(回差/应差) Hysteresis/ Return Response	≤20%
检测距离 Detection distance	30mm(白纸30x30mm) 30mm (white paper 30x30mm)	工作电压 Operating voltage	12~24V DC±10%
光斑尺寸 Spot size	不适用(红外光) N/A (Infrared)	消耗电流 Current consumption	≤30mA
检测物 Detection	白纸30x30mm White paper 30x30mm	残余电压 Residual voltage	≤0.0V(50mA)
光源 light source	红外光 940nm Infrared light 940nm	负载电流 Load current	50mA
指示灯 Light	无显示 No display	绝缘电阻 Insulation resistance	电源端子与外壳之间≥20MΩ (500VDC) Between power terminal and housing≥20MΩ (500VDC)
灵敏性调节 Sensitivity regulation	无 None	耐压 Resistance	500VAC (50/60Hz), 1分钟电源端子和外壳之间 500VAC (50/60Hz) for 1 minute between power terminal and housing
<b>环境条件 Environmental Conditions</b>		保护电路 Protection circuits	短路保护/反极性保护/防互相干扰保护 Short circuit protection/reverse polarity protection/mutual interference protection
工作环境温度 Operating ambient temperature	-25~+55°C (无冻结) -25~+55°C (no freezing)	<b>机械数据 Mechanical Data</b>	
储存温度 Storage temperature	-30~+70°C (无冻结) -30~+70°C (no freezing)	最大拧紧扭矩 Maximum tightening torque	/
工作环境湿度 Humidity of the working environment	30~85%RH (无凝露) 30~85%RH (no condensation)	连接方式 Connection	2m/3芯电缆 2m/3 core cable
储存湿度 Store humidity	35~95%RH (无凝露) 35~95%RH (no condensation)	尺寸 Size	M8x42.0mm
环境照度 Ambient illumination	白炽灯≤3000 Lux; LED灯≤1000 Lux; 太阳光≤10000 Lux Incandescent lamp≤3000 Lux; LED light≤1000 Lux; Sunlight≤10000 Lux	材料 Material	不锈钢 Stainless steel
抗振性 Anti-vibration	10~55Hz, 振幅1.5mm, X/Y/Z轴, 各2小时 10~55Hz, amplitude 1.5mm, X/Y/Z axis, 2 hours each	重量 Weight	约0.08kg Approximately 0.08 kg
防护等级 Ingress protection	IP65	配件 Fittings	螺母 M8x1 Nut M8x1

## 接线示意图 Wiring Diagram

