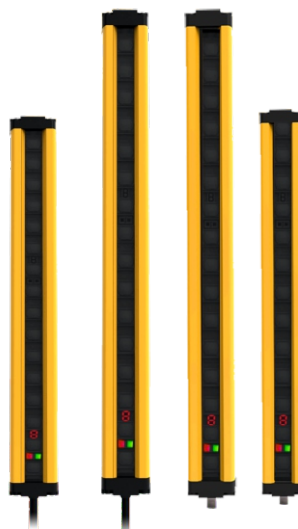


产品特点

- 满足二级安全光幕要求, 依照:IEC61496-1, -2标准;
- 符合国标:GB/T19436-1, -2标准;
- 坚固的铝合金外壳,IP67 防护等级;
- 发射功率设置功能;良好的抗干扰能力;
- 多种可选择的保护高度;
- 手动、自动复位功能可选;

Product Features

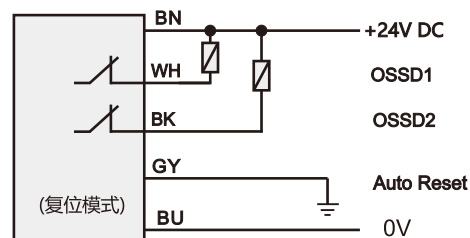
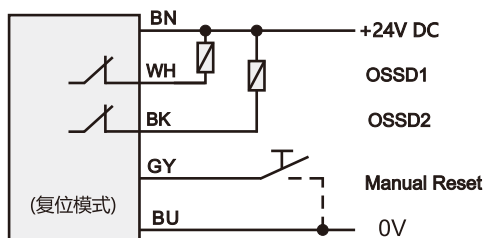
- Meet Class 2 requirement, IEC61496-1, -2;
- Meet the China standard: GB/T19436-1, -2;
- Hard aluminum alloy case, IP67 ;
- Transmitting power setting function, good ability of anti-interference;
- Multiple protection heights optional;
- Manual and automatic reset function optional;



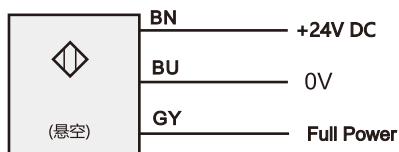
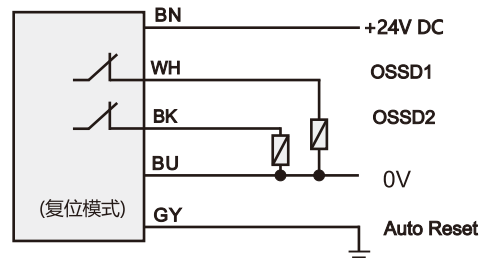
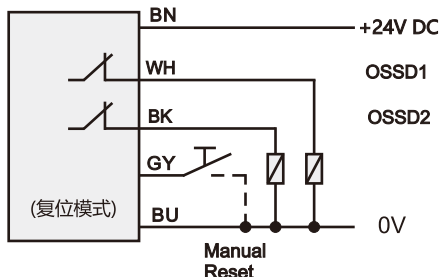
光轴间距20mm					光轴间距40mm				
光轴数量	保护高度 (mm)	响应时间 (ms)	型 号		光轴数量	保护高度 (mm)	响应时间 (ms)	型 号	
			NPN	PNP				NPN	PNP
8	160	11	PS-20R-10ANC-8E PS-20T-10A-8E	PS-20R-10APC-8E PS-20T-10A-8E	4	160	7ms	PS-40R-10ANC-4E PS-40T-10A-4E	PS-40R-10APC-4E PS-40T-10A-4E
16	320	13	PS-20R-10ANC-16E PS-20T-10A-16E	PS-20R-10APC-16E PS-20T-10A-16E	6	240	8ms	PS-40R-10ANC-6E PS-40T-10A-6msE	PS-40R-10APC-6E PS-40T-10A-6E
24	480	14	PS-20R-10ANC-24E PS-20T-10A-24E	PS-20R-10APC-24E PS-20T-10A-24E	8	320	8ms	PS-40R-10ANC-8E PS-40T-10A-8E	PS-40R-10APC-8E PS-40T-10A-8E
32	640	16	PS-20R-10ANC-32E PS-20T-10A-32E	PS-20R-10APC-32E PS-20T-10A-32E	10	400	9ms	PS-40R-10ANC-10E PS-40T-10A-100E	PS-40R-10APC-10E PS-40T-10A-10E
40	800	17	PS-20R-10ANC-40E PS-20T-10A-40E	PS-20R-10APC-40 PS-20T-10A-40E	12	480	9ms	PS-40R-10ANC-12E PS-40T-10A-12E	PS-40R-10APC-12E PS-40T-10A-12E
48	960	19	PS-20R-10ANC-48E PS-20T-10A-48E	PS-20R-10APC-48E PS-20T-10A-48E	14	560	10ms	PS-40R-10ANC-14E PS-40T-10A-14E	PS-40R-10APC-14E PS-40T-10A-14E
56	1020	21	PS-20R-10ANC-56E PS-20T-10A-56E	PS-20R-10APC-56E PS-20T-10A-56E	16	640	10ms	PS-40R-10ANC-16E PS-40T-10A-16E	PS-40R-10APC-16E PS-40T-10A-16E
64	1180	22	PS-20R-10ANC-64E PS-20T-10A-64E	PS-20R-10APC-64E PS-20T-10A-64E	18	720	11ms	PS-40R-10ANC-18E PS-40T-10A-18E	PS-40R-10APC-18E PS-40T-10A-18E
					20	800	11ms	PS-40R-10ANC-20E PS-40T-10A-20E	PS-40R-10APC-20E PS-40T-10A-20E
					22	880	12ms	PS-40R-10ANC-22E PS-40T-10A-22E	PS-40R-10APC-22E PS-40T-10A-22E
					24	960	12ms	PS-40R-10ANC-24E PS-40T-10A-24E	PS-40R-10APC-24E PS-40T-10A-24E
					26	1040	14ms	PS-40R-10ANC-26E PS-40T-10A-26E	PS-40R-10APC-26E PS-40T-10A-26E
					28	1120	14ms	PS-40R-10ANC-28E PS-40T-10A-28E	PS-40R-10APC-28E PS-40T-10A-28E
					30	1200	15ms	PS-40R-10ANC-30E PS-40T-10A-30E	PS-40R-10APC-30E PS-40T-10A-30E
					32	1280	15ms	PS-40R-10ANC-32E PS-40T-10A-32E	PS-40R-10APC-32E PS-40T-10A-32E
					34	1360	16ms	PS-40R-10ANC-34E PS-40T-10A-34E	PS-40R-10APC-34E PS-40T-10A-34E
					36	1440	16ms	PS-40R-10ANC-36E PS-40T-10A-36E	PS-40R-10APC-36E PS-40T-10A-36E
					38	1520	17ms	PS-40R-10ANC-38E PS-40T-10A-38E	PS-40R-10APC-38E PS-40T-10A-38E
					40	1600	17ms	PS-40R-10ANC-40E PS-40T-10A-40E	PS-40R-10APC-40E PS-40T-10A-40E
					42	1680	18ms	PS-40R-10ANC-42E PS-40T-10A-42E	PS-40R-10APC-42E PS-40T-10A-42E
					44	1760	18ms	PS-40R-10ANC-44E PS-40T-10A-44E	PS-40R-10APC-44E PS-40T-10A-44E
					46	1840	19ms	PS-40R-10ANC-46E PS-40T-10A-46E	PS-40R-10APC-46E PS-40T-10A-46E
					48	1920	19ms	PS-40R-10ANC-48E PS-40T-10A-48E	PS-40R-10APC-48E PS-40T-10A-48E

额定规格/性能 Ratings and Specifications

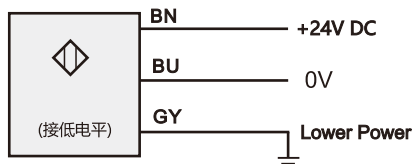
检测距离 Sensing distance	0.1~10m
输出方式 Output type	2*NPN, 2*PNP
最小检测体 Minimum detectable Object	30、50mm以上不透明体 Opaque Object
光源 Light Source	红外光850nm infrared LED
工作电压 Operating Voltage	24V DC $\pm$ 10%
光轴间距 Optional Pitch	20/40mm
最大输出电流 Output Current	250mA Max
功耗 Power consumption	发射器Emitter: 2W, 接收器 Receiver: 3W
复位 Reset	手动、自动可选 Manual Reset、Auto Reset optical
回路保护 Circuit Protection	Short-circuit protection, reverse connection protection, Output Load protection(短路保护,电源逆接极性保护, 输出过载保护)
指示灯 Indicator Light	电源指示灯Power LED:绿色Green,动作指示灯 Operation LED: Red,数码管: 诊断显示,稳定显示 Digital Tube: diagnostic display, stability display
连接方式 Connection	导线引出型(标配2米)、M12连接器 Cable 2m /M12 Connector
环境温度 Ambient temperature	Work:-25°C~+55°C store:-40°C~+70°C,iced forbidden/(使用时:-25°C~+55°C 保存时:-40°C~+70°C,不结冰)
环境湿度Ambient Humidity	Work:35~85%RH store:35~95%RH,dewde forbidden/(使用时:35~85%RH 保存时:35~95%RH,不结露)
环境照明 Ambient illumination	白炽灯: 受光面照度 5,000Lx以下 lamplight:<5,000Lx(Receives light)
耐电压 Withstand Voltage	1000VAC,50/60Hz 1min(1000VAC,50/60Hz 1min充电部整体与外壳间)
绝缘强度 Insulation resistance	>20M Ω (DC500V megger) /20M Ω 以上(DC500V摇表)充电部整体与外壳间
耐振动 Anti-Vibration	10~55 Hz, double-amplitude 1.5mm ,X,Y,Z(2H)/10~55 Hz, 复振幅 1.5mm ,X,Y,Z(2H)
防护等级 Protection degree	IEC IP67
安装方式 Installation mode	端盖自带安装孔End cover with mounting hole
材质 Housing material	外壳: 铝合金(黄色), 透光罩: PMMA ,端盖: 工程塑料 Shell: aluminum alloy (yellow), light filter: PMMA, end cover: engineering plastic
EMC	IEC61496/IEC61496-2的type2要求

NPN-NC
(RECEIVER)

(TRANSMITTER)

PNP-NC
(RECEIVER)

(TRANSMITTER)



尺寸图 Dimension

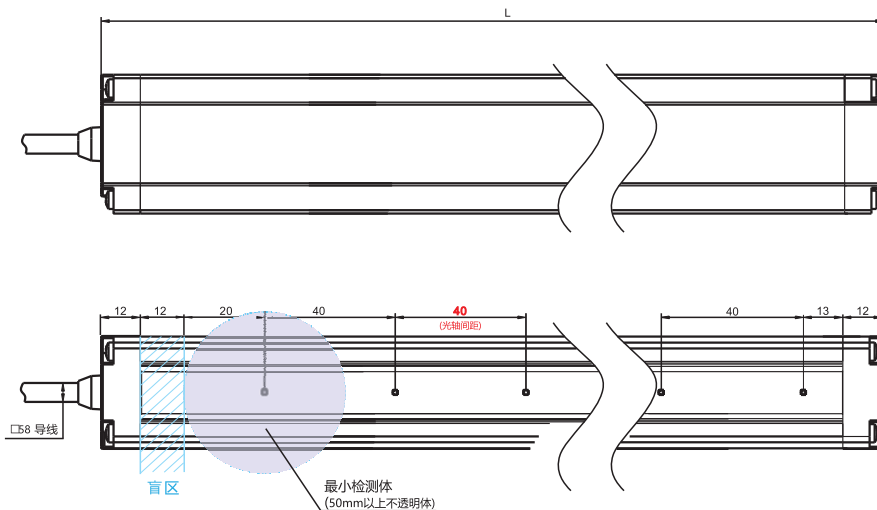
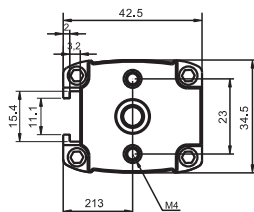
(单位: mm)

PS-40 Series

CAD数据

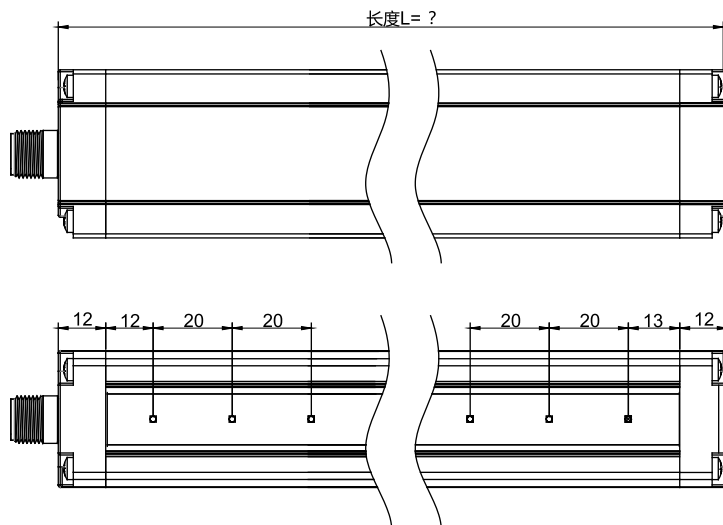
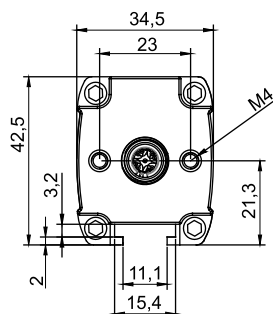
产品长度尺寸选型表

光轴点数	4	6	8	10	12	14	16
光幕长度L	189	269	349	429	509	589	669
光轴点数	18	20	22	24	26	38	40
光幕长度L	749	829	909	989	1069	1549	1629
光轴点数	42	44	46	48			
光幕长度L	1709	1789	1869	1949			



PS-20 Series

CAD数据



产品长度尺寸选型表

光轴点数	8	16	24	32	40	48	56	64
光幕长度L	189	349	509	669	829	989	1149	1309

侧装支架/滑动架

CAD数据

