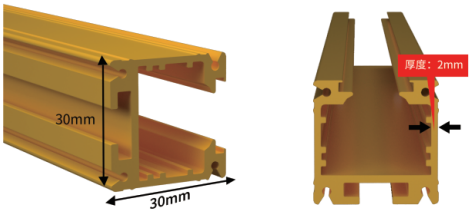
安全光栅传感器

BGS系列



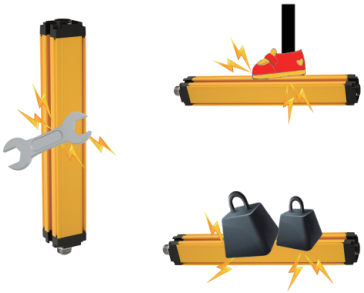
尺寸

截面 30*30mm， 外观小巧，实用性高



坚固外壳

采用铝合金外壳，防水，防尘性能好



安装模式

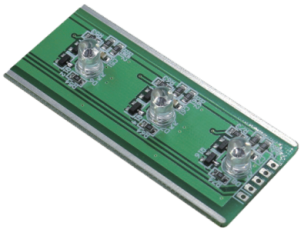
顶装、侧装两种安装方式

输出模式

NPN/PNP/继电器多种输出方式可选

工艺

采用进口元器件，质量保证



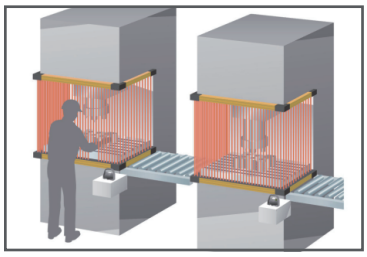
选型便利

10、20、40mm多种安装间距可供选择

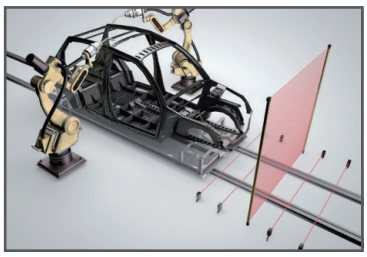
优越的自检功能，相应时间小于10ms

无需同步线，接线更简单

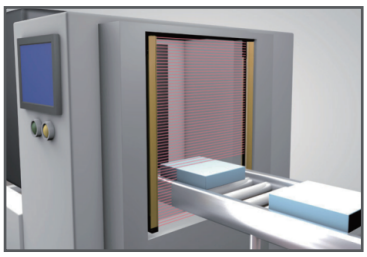
应用案例



小型机械设备防护

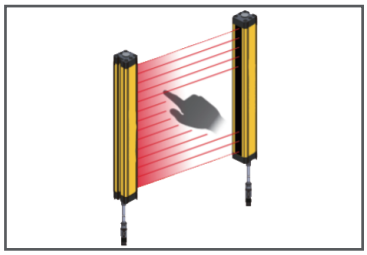


工装设备的防护

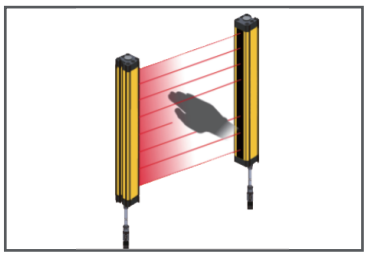


自动化设备的防护

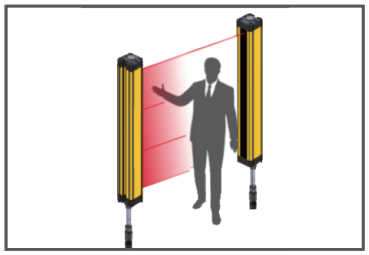
分辨率



手指保护
10mm



手掌保护
20mm

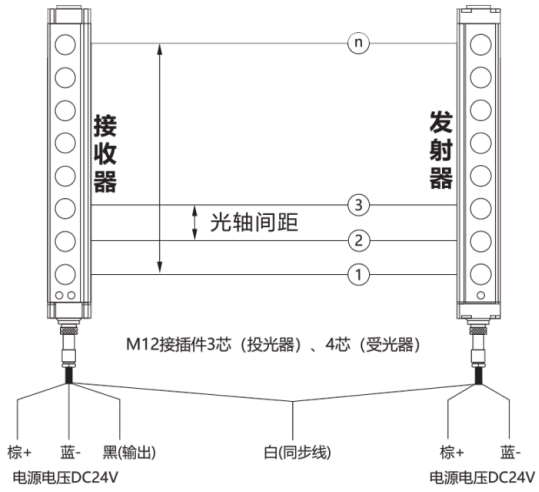


身体保护
40mm

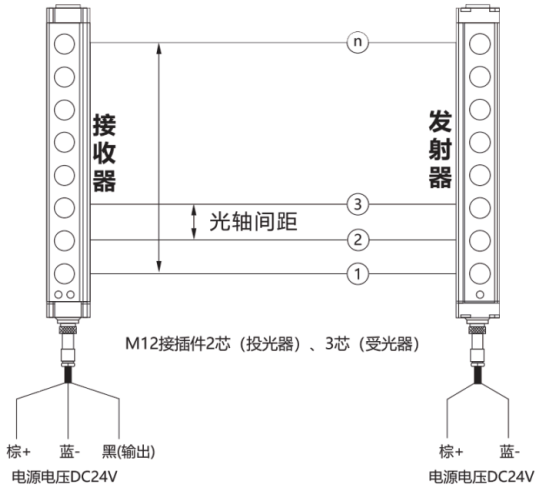
额定参数

光轴间距		10mm	20mm	40mm
检测精度		18mm	28mm	48mm
光轴数目		6，10，14，18-98	6，8，10，12-78	4，6，8，10-50
检测距离可达		3m	3m，8m	
响应时间		≤10ms(max眼数)		
电源电压		DC12~24V±10%波动(p-p) 10%以下		
消耗电流		200mA Max		
控制输出	输出形态	NPN/PNP可选		
	输出动作	所有光轴对正输出，NO/NC可选		
	指示灯	投光器：电源指示灯（光同步：绿色LED；线同步：蓝色LED）； 受光器：电源指示灯（光同步：绿色LED；线同步：蓝色LED）动作指示灯（红色LED）		
保护电路		短路保护,反接保护,输出逆连接		
环境性能	保护构造	IP64		
	环境照度	受光照度：白炽灯3000lux以下；太阳光10000lux以下		
	环境温度	工作时：-10～55 ℃ 保存时：-25～55 ℃		
	环境湿度	工作时：35～95% RH 保存时：35～95%RH		
	耐振动	频率10Hz~55Hz，振幅0.5mm，X、Y及Z方向各20次		
	耐冲击	1000m/s^2，X、Y及Z方向各2h		
连接方式		导线引出型(2m)		
同步方式		线同步/光同步可选		
材质	外壳	外壳：铝合金；光学盖板：丙烯酸树脂		
	电缆	0.2mm^2 专用橡皮电缆，2m长		

接线图

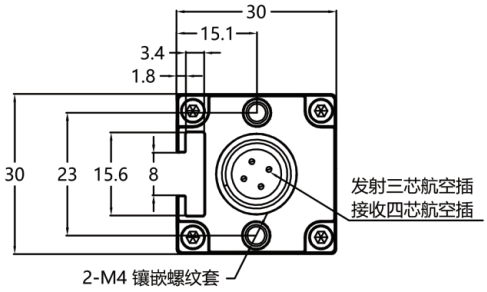


线同步（N/P）接线图

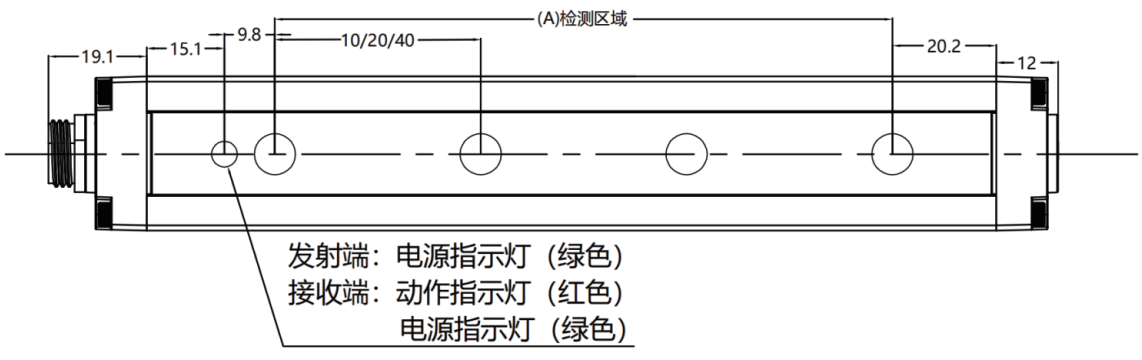


光同步（N/P）接线图

产品2D图







命名规则

BGS-□□ □□ □ □ □

- 通光信号:线同步=X 光同步=G
- 输出极性:C=常闭 O=常开
- 输出方式:N=NPN P=PNP
- 10=10MM 20=20MM 40=40MM
- 光束数量:08代表8眼
- BGS系列

产品

***光轴间距为40**

产品外观	产品型号		光轴数目	保护高度（mm）	光幕总长（mm）	外形尺寸	输出动作
	NPN	PNP					
	BGS-0440NCG	BGS-0440PCG	4	120	226	30*30*186	NC
	BGS-0440NOG	BGS-0440POG					NO
	BGS-0640NCG	BGS-0640PCG	6	200	306	30*30*266	NC
	BGS-0640NOG	BGS-0640POG					NO
	BGS-0840NCG	BGS-0840PCG	8	280	386	30*30*346	NC
	BGS-0840NOG	BGS-0840POG					NO
	BGS-1040NCG	BGS-1040PCG	10	360	466	30*30*426	NC
	BGS-1040NOG	BGS-1040POG					NO
	BGS-1240NCG	BGS-1240PCG	12	440	546	30*30*506	NC
	BGS-1240NOG	BGS-1240POG					NO
	BGS-1440NCG	BGS-1440PCG	14	520	626	30*30*586	NC
	BGS-1440NOG	BGS-1440POG					NO
	BGS-1640NCG	BGS-1640PCG	16	600	706	30*30*666	NC
	BGS-1640NOG	BGS-1640POG					NO
	BGS-1840NCG	BGS-1840PCG	18	680	786	30*30*746	NC
	BGS-1840NOG	BGS-1840POG					NO
	BGS-2040NCG	BGS-2040PCG	20	760	866	30*30*826	NC
	BGS-2040NOG	BGS-2040POG					NO
	BGS-2240NCG	BGS-2240PCG	22	840	946	30*30*906	NC
	BGS-2240NOG	BGS-2240POG					NO
	BGS-2440NCG	BGS-2440PCG	24	920	1026	30*30*986	NC
	BGS-2440NOG	BGS-2440POG					NO
	BGS-2640NOG	BGS-2640POG	26	1000	1106	30*30*1066	NC
	BGS-2640NCG	BGS-2640PCG					NO
	BGS-2840NCG	BGS-2840PCG	28	1080	1186	30*30*1146	NC
	BGS-2840NOG	BGS-2840POG					NO
	BGS-3040NCG	BGS-3040PCG	30	1160	1266	30*30*1226	NC
	BGS-3040NOG	BGS-3040POG					NO
	BGS-3240NCG	BGS-3240PCG	32	1240	1346	30*30*1306	NC
	BGS-3240NOG	BGS-3240POG					NO
	BGS-3440NCG	BGS-3440PCG	34	1320	1426	30*30*1386	NC
	BGS-3440NOG	BGS-3440POG					NO
	BGS-3640NCG	BGS-3640PCG	36	1400	1506	30*30*1466	NC
	BGS-3640NOG	BGS-3640POG					NO
	BGS-3840NCG	BGS-3840PCG	38	1480	1586	30*30*1546	NC
	BGS-3840NOG	BGS-3840POG					NO
	BGS-4040NCG	BGS-4040PCG	40	1560	1666	30*30*1626	NC
	BGS-4040NOG	BGS-4040POG					NO
	BGS-4240NCG	BGS-4240PCG	42	1640	1746	30*30*1706	NC
	BGS-4240NOG	BGS-4240POG					NO
	BGS-4440NCG	BGS-4440PCG	44	1720	1826	30*30*1786	NC
	BGS-4440NOG	BGS-4440POG					NO
	BGS-4640NCG	BGS-4640PCG	46	1800	1906	30*30*1866	NC
	BGS-4640NOG	BGS-4640POG					NO
	BGS-4840NCG	BGS-4840PCG	48	1880	1986	30*30*1946	NC
	BGS-4840NOG	BGS-4840POG					NO
	BGS-5040NCG	BGS-5040PCG	50	1960	2066	30*30*2026	NC
	BGS-5040NOG	BGS-5040POG					NO

产品具体型号

***光轴间距为20**

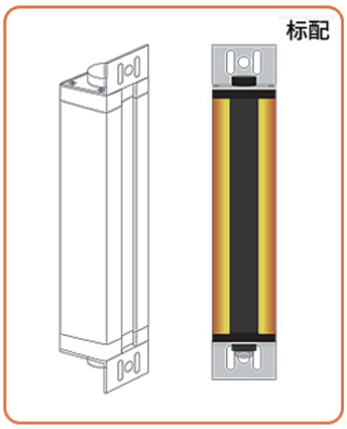
产品外观	产品型号 NPN	产品型号 PNP	光轴数目	保护高度（mm）	光幕总长（mm）	外形尺寸	输出动作
	BGS-0620NCG	BGS-0620PCG	6	100	206	30*30*166	NC
	BGS-0620NOG	BGS-0620POG					NO
	BGS-0820NCG	BGS-0820PCG	8	140	246	30*30*206	NC
	BGS-0820NOG	BGS-0820POG					NO
	BGS-1020NCG	BGS-1020PCG	10	180	286	30*30*246	NC
	BGS-1020NOG	BGS-1020POG					NO
	BGS-1220NCG	BGS-1220PCG	12	220	326	30*30*286	NC
	BGS-1220NOG	BGS-1220POG					NO
	BGS-1420NCG	BGS-1420PCG	14	260	366	30*30*326	NC
	BGS-1420NOG	BGS-1420POG					NO
	BGS-1620NCG	BGS-1620PCG	16	300	406	30*30 *366	NC
	BGS-1620NOG	BGS-1620POG					NO
	BGS-1820NCG	BGS-1820PCG	18	340	446	30*30*406	NC
	BGS-1820NOG	BGS-1820POG					NO
	BGS-2020NCG	BGS-2020PCG	20	380	486	30*30*446	NC
	BGS-2020NOG	BGS-2020POG					NO
	BGS-2220NCG	BGS-2220PCG	22	420	526	30*30*486	NC
	BGS-2220NOG	BGS-2220POG					NO
	BGS-2420NCG	BGS-2420PCG	24	460	566	30*30*526	NC
	BGS-2420NOG	BGS-2420POG					NO
	BGS-2620NCG	BGS-2620PCG	26	500	606	30*30*566	NC
	BGS-2620NOG	BGS-2620POG					NO
	BGS-2820NCG	BGS-2820PCG	28	540	646	30*30*606	NC
	BGS- 2820NOG	BGS-2820POG					NO
	BGS-3020NCG	BGS-3020PCG	30	580	686	30*30*646	NC
	BGS-3020NOG	BGS-3020POG					NO
	BGS-3220NCG	BGS-3220PCG	32	620	726	30*30*686	NC
	BGS-3220NOG	BGS-3220POG					NO
	BGS-3420NCG	BGS-3420PCG	34	660	766	30*30*726	NC
	BGS-3420NOG	BGS-3420POG					NO
	BGS-3620NCG	BGS-3620PCG	36	700	806	30*30*766	NC
	BGS-3620NOG	BGS-3620POG					NO
	BGS-3820NCG	BGS-3820PCG	38	740	846	30*30*806	NC
	BGS-3820NOG	BGS-3820POG					NO
	BGS-4020NCG	BGS-4020PCG	40	780	886	30*30*846	NC
	BGS-4020NOG	BGS-4020POG					NO
	BGS-4220NCG	BGS-4220PCG	42	820	926	30*30*886	NC
	BGS-4220NOG	BGS-4220POG					NO
	BGS-4420NCG	BGS-4420PCG	44	860	966	30*30*926	NC
	BGS-4420NOG	BGS-4420POG					NO
	BGS-4620NCG	BGS-4620PCG	46	900	1006	30*30*966	NC
	BGS-4620NOG	BGS-4620POG					NO
	BGS-4820NCG	BGS-4820PCG	48	940	1046	30*30*1006	NC
	BGS-4820NOG	BGS-4820POG					NO
	BGS-5020NCG	BGS-5020PCG	50	980	1086	30*30*1046	NC
	BGS-5020NOG	BGS-5020POG					NO
	BGS-5220NCG	BGS-5220PCG	52	1020	1126	30*30*1086	NC
	BGS-5220NOG	BGS-5 220POG					NO
	BGS-5420NCG	BGS-5420PCG	54	1060	1166	30*30*1126	NC
	BGS-5420NOG	BGS-5420POG					NO
	BGS-5620NCG	BGS-5620PCG	56	1100	1206	30*30*1166	NC
	BGS-5620NOG	BGS-5620POG					NO
	BGS-5820NCG	BGS-5820PCG	58	1140	1246	30*30*1206	NC
	BGS-5820NOG	BGS-5820POG					NO
	BGS-6020NCG	BGS-6020PCG	60	1180	1286	30*30*1246	NC
	BGS-6020NOG	BGS-6020POG					NO
	BGS-6220NCG	BGS-6220PCG	62	1220	1326	30*30*1286	NC
	BGS-6220NOG	BGS-6220POG					NO
	BGS-6420NCG	BGS-6420PCG	64	1260	1366	30*30*1326	NC
	BGS-6420NOG	BGS-6420POG					NO
	BGS-6620NCG	BGS-6620PCG	66	1300	1406	30*30*1366	NC
	BGS-6620NOG	BGS-6620POG					NO
	BGS-6820NCG	BGS-6820PCG	68	1340	1446	30*30*1406	NC
	BGS-6820NOG	BGS-6820POG					NO
	BGS-7020NCG	BGS-7020PCG	70	1380	1486	30*30*1446	NC
	BGS-7020NOG	BGS-7020POG					NO
	BGS-7220NCG	BGS-7220PCG	72	1420	1526	30*30*1486	NC
	BGS-7220NOG	BGS-7220POG					NO
	BGS-7420NCG	BGS-7420PCG	74	1460	1566	30*30*1526	NC
	BGS-7420NOG	BGS-7420POG					NO
	BGS-7620NCG	BGS-7620PCG	76	1500	1606	30*30*1566	NC
	BGS-7620NOG	BGS-7620POG					NO
	BGS-7820NCG	BGS-7820PCG	78	1540	1646	30*30*1606	NC
	BGS-7820NOG	BGS-7820POG					NO

产品具体型号

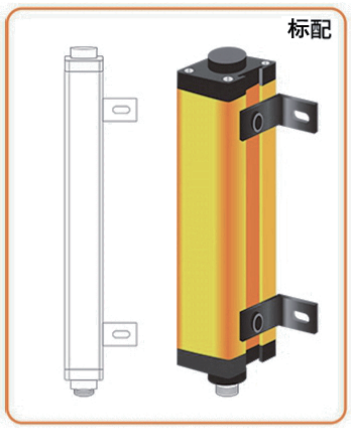
***光轴间距为10**

产品外观	产品型号		光轴数目	保护高度（mm）	光幕总长（mm）	外形尺寸	输出动作
	NPN	PNP					
	BGS-0610NCG	BGS-0610PCG	6	50	156	30*30*116	NC
	BGS-0610NOG	BGS-0610POG					NO
	BGS-1010NCG	BGS-1010PCG	10	90	196	30*30*156	NC
	BGS-1010NOG	BGS-1010POG					NO
	BGS-1410NCG	BGS-1410PCG	14	130	236	30*30*196	NC
	BGS-1410NOG	BGS-1410POG					NO
	BGS-1810NOG	BGS-1810POG	18	170	276	30*30*236	NC
	BGS-1810NCG	BGS-1810PCG					NO
	BGS-2210NOG	BGS-2210POG	22	210	316	30*30*276	NC
	BGS-2210NCG	BGS-2210PCG					NO
	BGS-2610NOG	BGS-2610POG	26	250	356	30*30*316	NC
	BGS-2610NCG	BGS-2610PCG					NO
	BGS-3010NCG	BGS-3010PCG	30	290	396	30*30*356	NC
	BGS-3010NOG	BGS-3010POG					NO
	BGS-3410NCG	BGS-3410PCG	34	330	436	30*30*396	NC
	BGS-3410NOG	BGS-3410POG					NO
	BGS-3810NCG	BGS-3810PCG	38	370	476	30*30*436	NC
	BGS-3810NOG	BGS-3810POG					NO
	BGS-4210NCG	BGS-4210PCG	42	410	516	30*30*476	NC
	BGS-4210NOG	BGS-4210POG					NO
	BGS-4610NCG	BGS-4610PCG	46	450	556	30*30*516	NC
	BGS-4610NOG	BGS-4610POG					NO
	BGS-5010NCG	BGS-5010PCG	50	490	596	30*30*556	NC
	BGS-5010NOG	BGS-5010POG					NO
	BGS-5410NCG	BGS-5410PCG	54	530	636	30*30*596	NC
	BGS-5410NOG	BGS-5410POG					NO
	BGS-5810NCG	BGS-5810PCG	58	570	676	30*30*636	NC
	BGS-5810NOG	BGS-5810POG					NO
	BGS-6210NCG	BGS-6210PCG	62	610	716	30*30*676	NC
	BGS-6210NOG	BGS-6210POG					NO
	BGS-6610NCG	BGS-6610PCG	66	650	756	30*30*716	NC
	BGS-6610NOG	BGS-6610POG					NO
	BGS-7010NCG	BGS-7010PCG	70	690	796	30*30*756	NC
	BGS-7010NOG	BGS-7010POG					NO
	BGS-7410NCG	BGS-7410PCG	74	730	836	30*30*796	NC
	BGS-7410NOG	BGS-7410POG					NO
	BGS-7810NCG	BGS-7810PCG	78	770	876	30*30*836	NC
	BGS-7810NOG	BGS-7810POG					NO
	BGS-8210NCG	BGS-8210PCG	82	810	916	30*30*876	NC
	BGS-8210NOG	BGS-8210POG					NO
	BGS-8610NCG	BGS-8610PCG	86	850	956	30*30*916	NC
	BGS-8610NOG	BGS-8610POG					NO
	BGS-9010NCG	BGS-9010PCG	90	890	996	30*30*956	NC
	BGS-9010NOG	BGS-9010POG					NO
	BGS-9410NCG	BGS-9410PCG	94	930	1036	30*30*996	NC
	BGS-9410NOG	BGS-9410POG					NO
	BGS-9810NCG	BGS-9810PCG	98	970	1076	30*30*1036	NC
	BGS-9810NOG	BGS-9810POG					NO

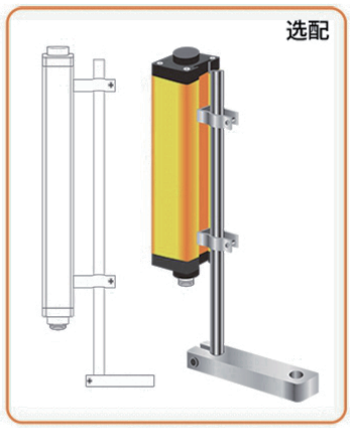
安装方式



L1上下端安装支架



L2型侧装安装方式

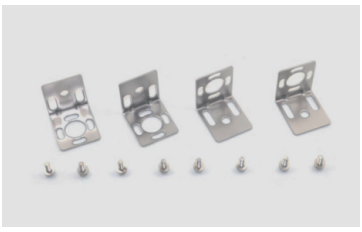


旋臂型装安装方式

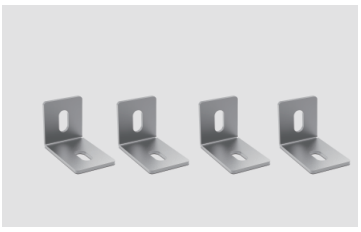
附件配置



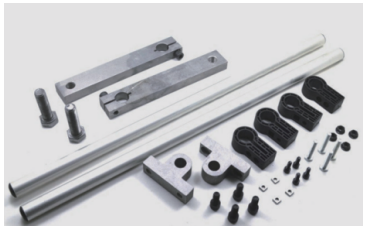
· M12连接线，长2m



· 顶装支架（L1）标配



· 侧装支架（L2）选配



· 旋臂支架（另购）



· 光幕控制器（另购）