

V2系列



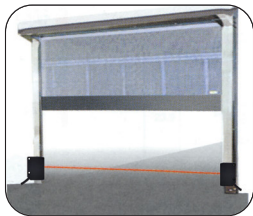
M12 QD 接插式



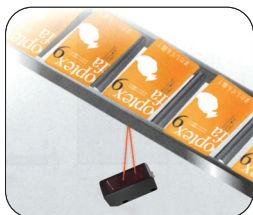
电缆式

- 外壳坚固的BGS型。
- 长距离BGS-2V100型，检测距离达100cm。
- 大镜头实现检测的稳定性。
- 防护等级IP67，QD接插式可选。

应用示例



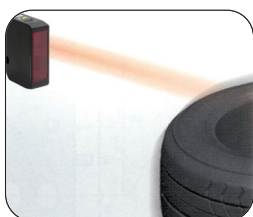
自动门的控制
(V2T-7000)



传送带上杂志检测
(BGS-2V50)



停车库监控
(V2T-7000)

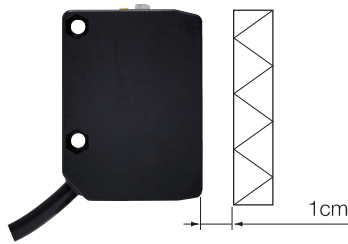


轮胎计数
(V2R-1200)

传感器发射镜头与接收镜头均采用大镜头，增强发射光束，实现检测的稳定性。有效应用于大雾等恶劣环境。



仅1cm的感应盲区
(镜面反射型)



V2R-1200

可旋转式连接头，实现灵活安装。
(DC电源型)

连接头可90°自由旋转，实现灵活安装。且防护等级仍为IP67。



C-R

C2

DM-18T

E

J

J2

J3

K

S

BGS-2S

BGS-Z

Z2

Z3

ZM

V

V2

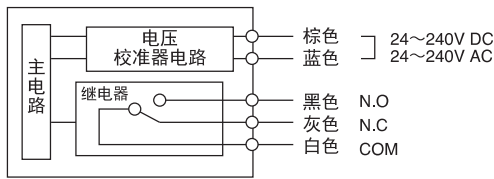
V3

V4

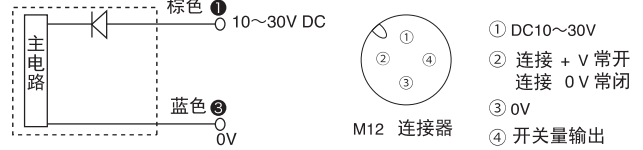
选购件

电路图

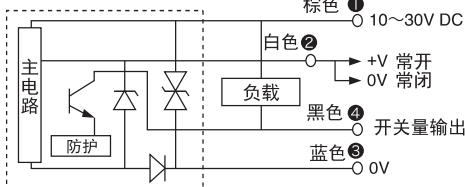
AC/DC 型



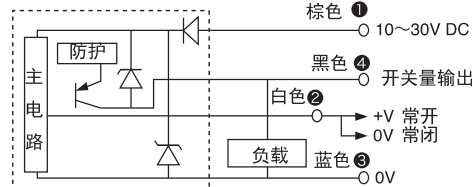
DC 发射器



DC NPN 型

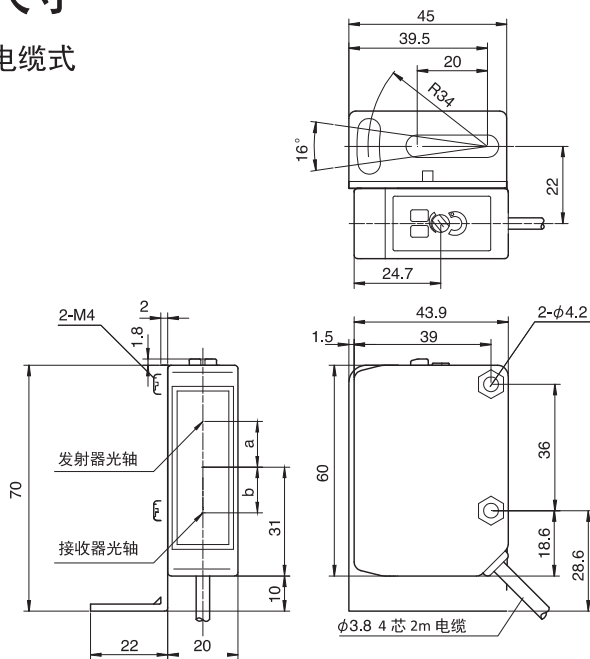


DC PNP 型



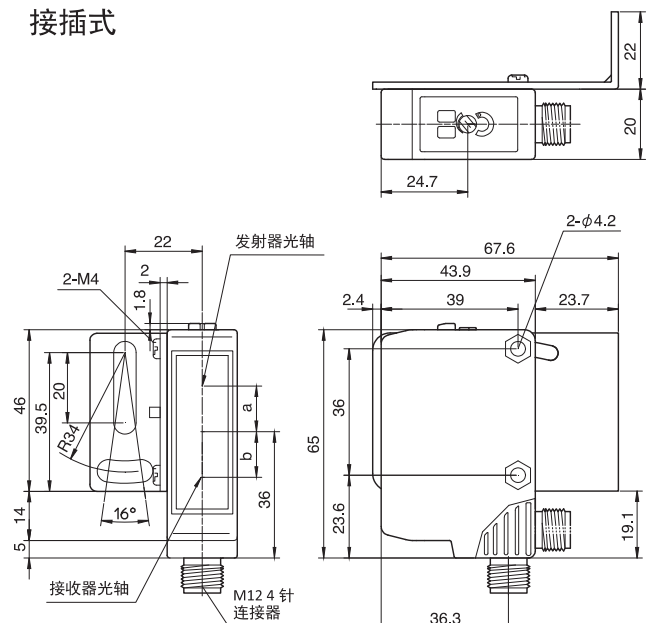
尺寸

电缆式



	BGS-2V	V2R-1200	V2T-7000
a	13	16.8	44
b	BGS 短 12.6/ 中 13/ 长 13.6	19	-

接插式



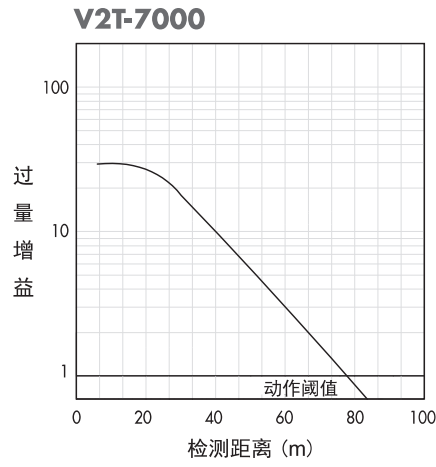
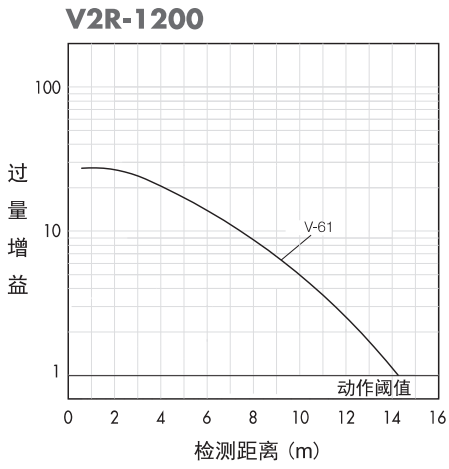
	BGS-2V	V2R-1200	V2T-7000
a	13	16.8	49
b	BGS 短 12.6/ 中 13/ 长 13.6	24	-

参数

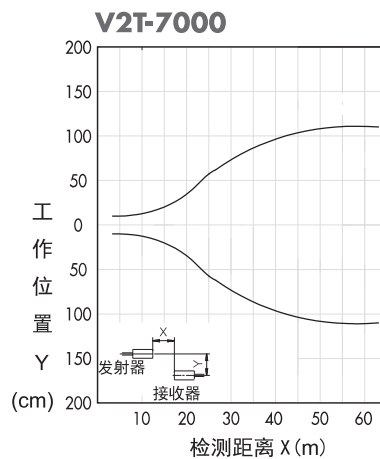
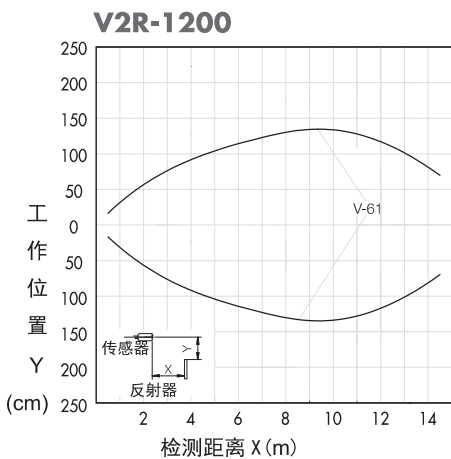
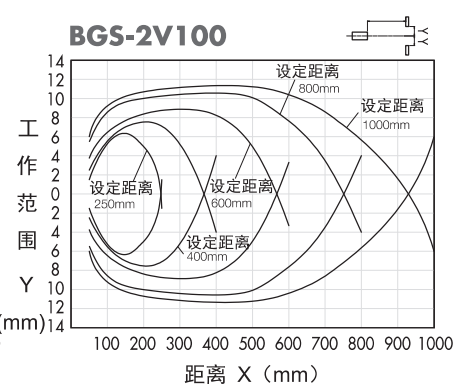
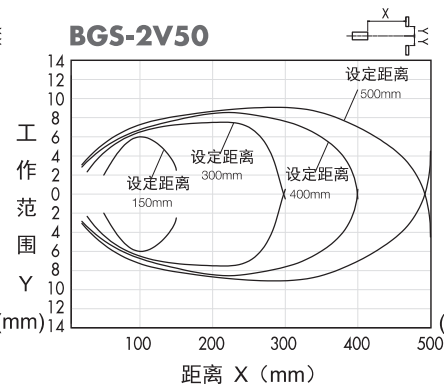
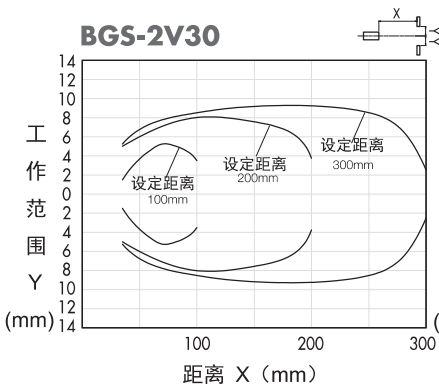
类型	AC/DC 型					DC 型				
	对射型	镜面反射型 (带偏光镜)	BGS 型			对射型	镜面反射型 (带偏光镜)	BGS 型		
			长距离	中距离	短距离			长距离	中距离	短距离
电缆式	V2T-7000	V2R-1200	BGS-2V100	BGS-2V50	BGS-2V30	V2T-7000D(N,P)	V2R-1200D(N,P)	BGS-2V100(N,P)	BGS-2V50(N,P)	BGS-2V30(N,P)
接插式	—	—	—	—	—	V2T-7000CD(N,P)	V2R-1200CD(N,P)	BGS-2V100C(N,P)	BGS-2V50C(N,P)	BGS-2V30C(N,P)
检测距离	70m	0.01~12m*	25~100cm	15~50cm	10~30cm	70m	0.01~12m*	25~100cm	15~50cm	10~30cm
光源	红色 LED									
电源电压	DC24~240V±10% AC24~240V±10% 50/60Hz					DC 10~30V, ±10%				
消耗电流	3VA max.(class A) 2VA max. (class A) 4VA max.(class B) 2.5VA max.(class B)					35mA max.				
响应时间	15ms max.					0.5ms max.		3ms max.		2ms max.
滞后现象	—					—		15% max.		5% max.
开关量输出	继电器输出 DC30V 2A/AC 250V 3A max					NPN 或 PNP 集电极开路, ≤100mA/ 30V DC (残余电压 1.8V max)				
常开/常闭模式	常开 (入光动作)					常开 (入光动作) / 常闭 (遮光动作) 可选				
灵敏度调节	2圈调节器									
指示灯	输出指示灯 (橘色 LED) / 稳定指示灯 (绿色 LED)									
环境温度 / 湿度	-25~55°C/35~85% RH (无冷凝)									
存储温度 / 湿度	-40~70°C/35~95% RH									
环境照度	阳光≤10,000 勒克斯 (lux), 白炽灯照射≤3,000 勒克斯 (lux)									
防护等级 / 材质	IP67 (IEC 144) / 壳体: ABS (含玻璃纤维), 前面板: PC (镜面反射型传感器采用 PMMA)									

*1 反光镜 V-61

过量增益



感应区域



C-R

C2

DM-18T

E

J

J2

J3

K

S

BGS-2S

BGS-Z

Z2

Z3

ZM

V

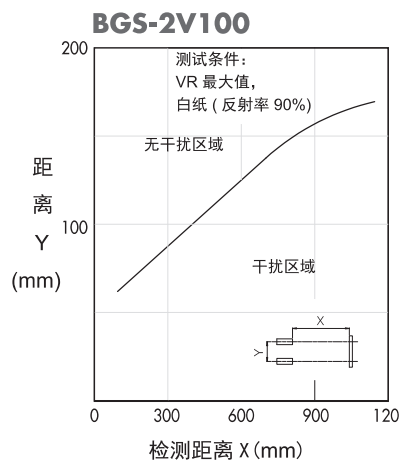
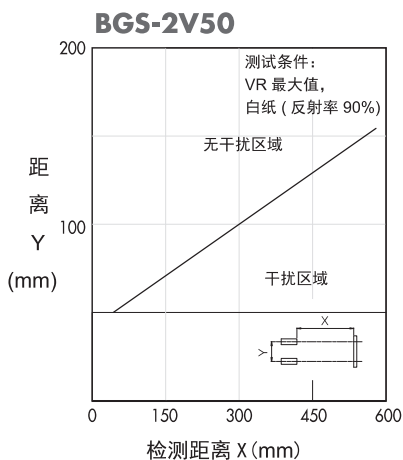
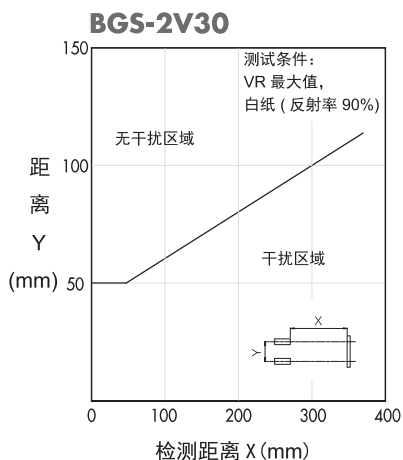
V2

V3

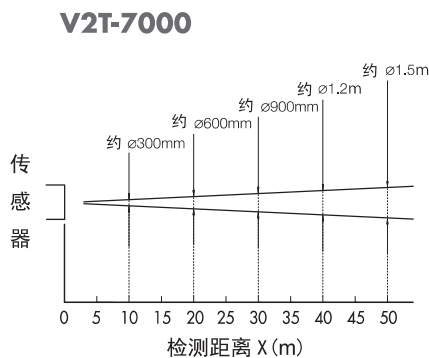
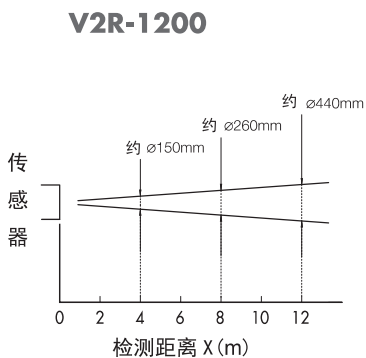
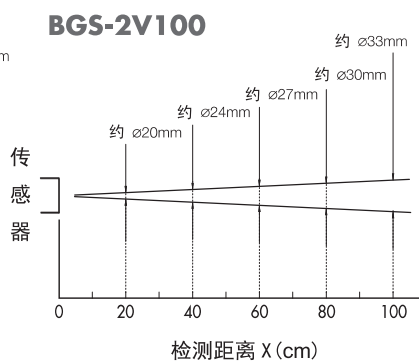
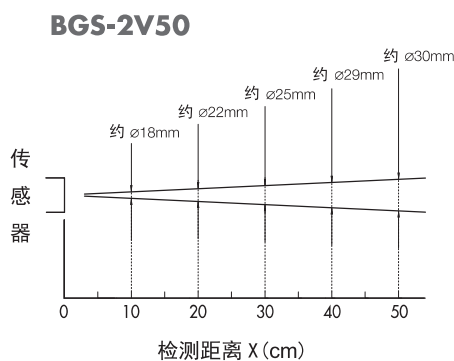
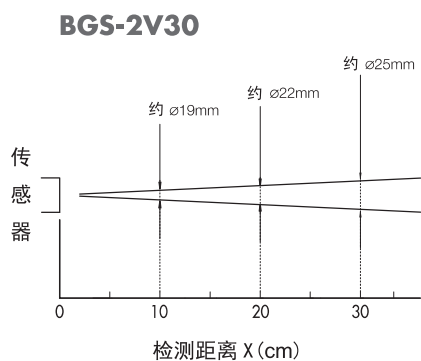
V4

选购件

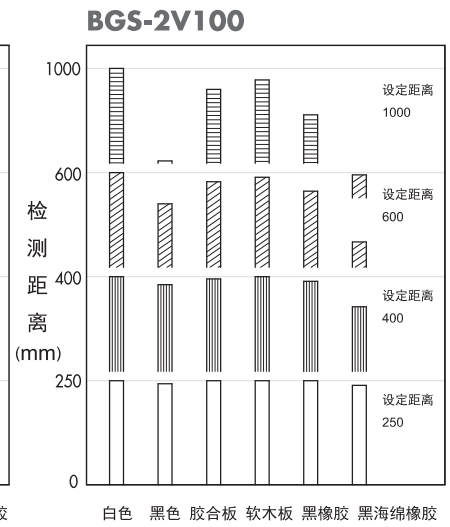
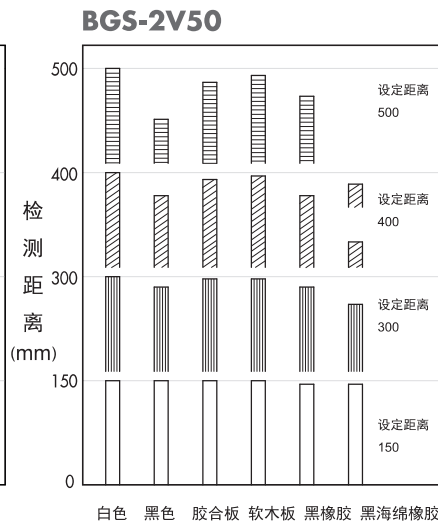
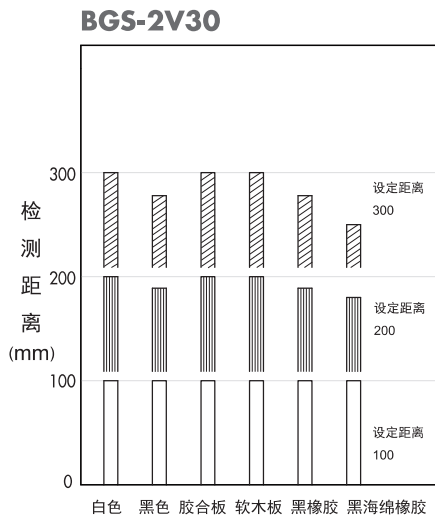
干扰区域



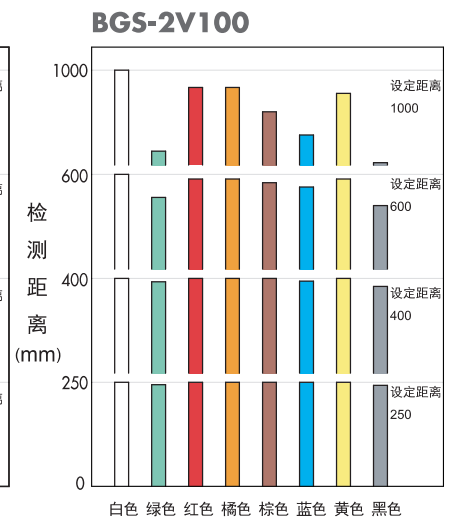
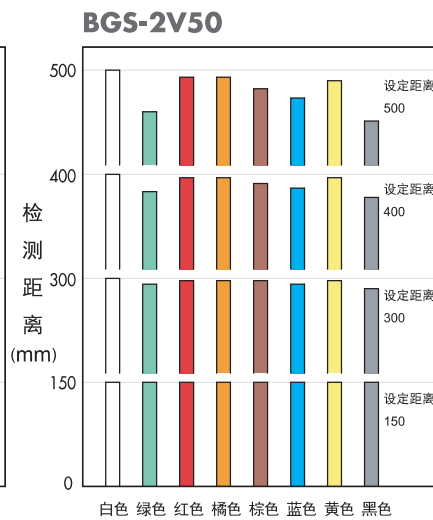
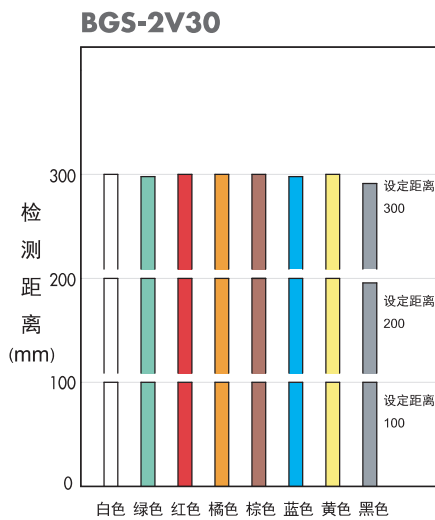
光斑尺寸



被测物材质特性



颜色特性



C-R

C2

DM-18T

E

J

J2

J3

K

S

BGS-2S

BGS-Z

Z2

Z3

ZM

V

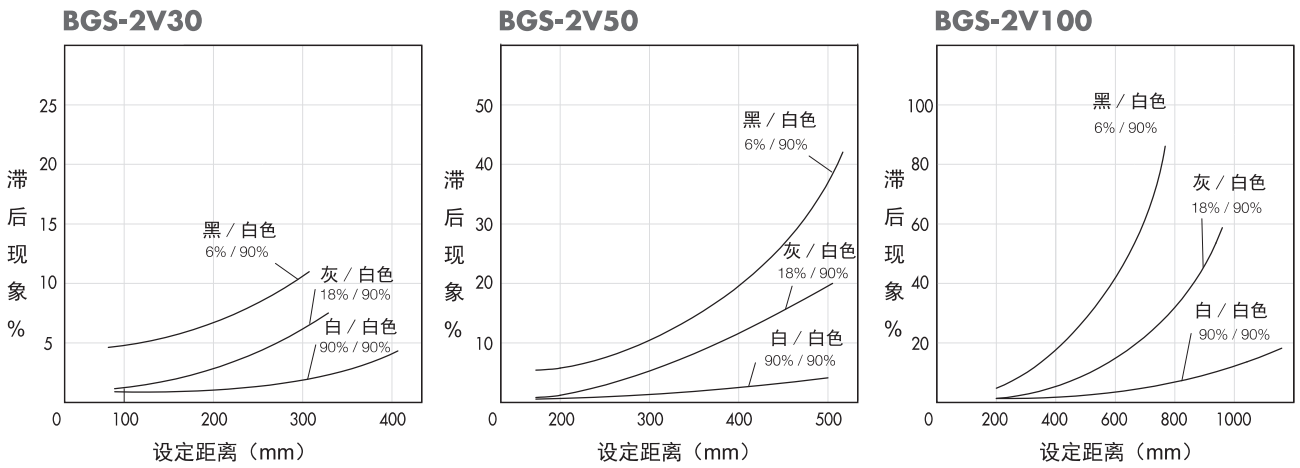
V2

V3

V4

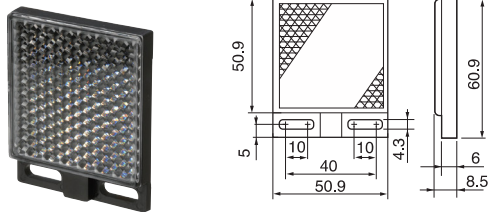
选购件

滞后现象

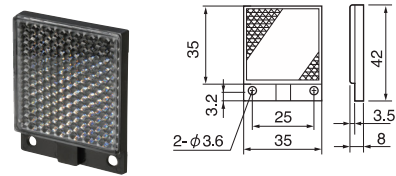


选购件

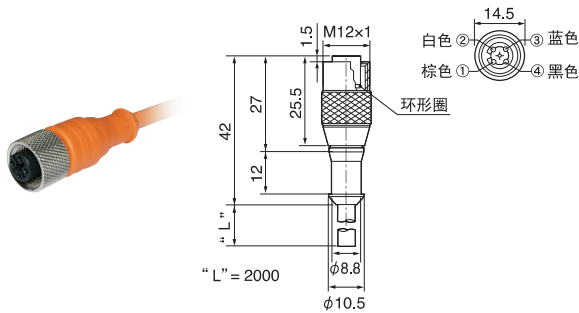
标准型反光镜 V-61



小型反光镜 V-42



M12 接插式电缆线



(单位: mm)