

SINCE 1995

安全光幕

产品选型指南



上海信索电子有限公司



上海信索电子有限公司成立于1995年，是一家有30年历史的公司。在香港，新加坡及日本都设有合作机构。公司与德国SICK集团合作有30年的历史，是SICK集团在中国最大的合作伙伴。

公司通过ISO9001体系认证，有多名技术及研发人员,能够给客户提供及时的服务和优质的产品。主要产品涵盖各类光栅产品，安全继电器的设计生产。提供自动化设备中的传感器，视觉检测应用解决方案，及非标产品的设计和制造。

公司30年的历程中，在港口，汽车，物流，钢铁，包装，机械设备，轨道交通等诸多领域，均有大量的客户及产品应用经验，推出了诸多新应用和非标定制产品，为客户提供了诸多优秀的解决方案，均得到了客户的认可。

同时，信索人锐意进取，取得了二十余个相关国家专利。获评国家高新技术企业称号，上海市“高精专”高新技术企业称号。

信索愿与您携手共进，保障安全，健康发展。期待与您的合作。



应用范围



锻压行业



非标自动化



堆垛码垛



汽车制造



仓储物流



印刷包装



橡胶设备



轨道交通



SENSORC
上海总部

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[illegible]

Attestation of Conformity
No. ESA 1150922 2001 Rev. 05

Holder of Declaration: Shanghai Xinxuo Sensor Co.,Ltd
Room 8
No. 102 Chengde Road
Jiading District
Shanghai
PEOPLE'S REPUBLIC OF CHINA

Name of Object: **Smart Light Curtain**
The declaration of Conformity is issued for a smart light curtain according to the Directive 2014/53/EU and the EMC Directive 2014/53/EU.
The object of the declaration is a smart light curtain, which is used for the protection of persons and property against the risk of collision. It consists of a light curtain and a control unit. The light curtain is made of a transparent material and is equipped with a sensor that detects the presence of an object. The control unit is responsible for the processing of the sensor data and the activation of the alarm signal. The light curtain is used in a variety of applications, such as in the food and pharmaceutical industries, in the automotive industry and in the construction industry. It is a highly reliable and safe device that can be used in a wide range of environments. The light curtain is made of a transparent material and is equipped with a sensor that detects the presence of an object. The control unit is responsible for the processing of the sensor data and the activation of the alarm signal. The light curtain is used in a variety of applications, such as in the food and pharmaceutical industries, in the automotive industry and in the construction industry. It is a highly reliable and safe device that can be used in a wide range of environments.

Test report no.: 48622022-2019109

Date: 2023-08-02

Signature

Tested by: (Signature)

Page 2 of 2
This declaration does not replace the regulatory (C) Declaration of Conformity (DoC) and does not exempt the CE Marking after inspection of the necessary documentation and establishing compliance with the requirements of applicable directives, for manufacturer who sign it and for the CE Marking. The DoC is issued under the responsibility of the manufacturer.

7/10

Safenet Certification Services Ltd.
David Ross, Cuckfield Park Commercial Campus, Littleham, Vaux WY05 1HED
Tel: 01892 506000 Fax: 01892 506001 Email: info@safenet.co.uk Website: www.safenet.co.uk

EU Type Examination Certificate

This is to certify that

Shanghai Xinshuo Electronics Co., Ltd.
No. 1000, Zhongyuan Road, Songjiang District, Shanghai, China

Has had a range of Safety Lamps examined with regards to this
Certificate of Approval in accordance with the requirements of
EN60598-1:2008 and EN60598-2-2:2008

With reference to model **B200-115-P-V**

Manufactured by:

Shanghai Xinshuo Electronics Co., Ltd.

Building 7, No. 118 Sheng Road, Songjiang District, Shanghai, China

The technical dossier contains the copies of the relevant documents:

1. The technical dossier containing the technical specifications, design drawings, test reports, etc.
2. The technical dossier containing the copies of the documents mentioned in 1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 1.9, 1.10, 1.11, 1.12, 1.13, 1.14, 1.15, 1.16, 1.17, 1.18, 1.19, 1.20, 1.21, 1.22, 1.23, 1.24, 1.25, 1.26, 1.27, 1.28, 1.29, 1.30, 1.31, 1.32, 1.33, 1.34, 1.35, 1.36, 1.37, 1.38, 1.39, 1.40, 1.41, 1.42, 1.43, 1.44, 1.45, 1.46, 1.47, 1.48, 1.49, 1.50, 1.51, 1.52, 1.53, 1.54, 1.55, 1.56, 1.57, 1.58, 1.59, 1.60, 1.61, 1.62, 1.63, 1.64, 1.65, 1.66, 1.67, 1.68, 1.69, 1.70, 1.71, 1.72, 1.73, 1.74, 1.75, 1.76, 1.77, 1.78, 1.79, 1.80, 1.81, 1.82, 1.83, 1.84, 1.85, 1.86, 1.87, 1.88, 1.89, 1.90, 1.91, 1.92, 1.93, 1.94, 1.95, 1.96, 1.97, 1.98, 1.99, 2.00, 2.01, 2.02, 2.03, 2.04, 2.05, 2.06, 2.07, 2.08, 2.09, 2.10, 2.11, 2.12, 2.13, 2.14, 2.15, 2.16, 2.17, 2.18, 2.19, 2.20, 2.21, 2.22, 2.23, 2.24, 2.25, 2.26, 2.27, 2.28, 2.29, 2.30, 2.31, 2.32, 2.33, 2.34, 2.35, 2.36, 2.37, 2.38, 2.39, 2.40, 2.41, 2.42, 2.43, 2.44, 2.45, 2.46, 2.47, 2.48, 2.49, 2.50, 2.51, 2.52, 2.53, 2.54, 2.55, 2.56, 2.57, 2.58, 2.59, 2.60, 2.61, 2.62, 2.63, 2.64, 2.65, 2.66, 2.67, 2.68, 2.69, 2.70, 2.71, 2.72, 2.73, 2.74, 2.75, 2.76, 2.77, 2.78, 2.79, 2.80, 2.81, 2.82, 2.83, 2.84, 2.85, 2.86, 2.87, 2.88, 2.89, 2.90, 2.91, 2.92, 2.93, 2.94, 2.95, 2.96, 2.97, 2.98, 2.99, 3.00, 3.01, 3.02, 3.03, 3.04, 3.05, 3.06, 3.07, 3.08, 3.09, 3.10, 3.11, 3.12, 3.13, 3.14, 3.15, 3.16, 3.17, 3.18, 3.19, 3.20, 3.21, 3.22, 3.23, 3.24, 3.25, 3.26, 3.27, 3.28, 3.29, 3.30, 3.31, 3.32, 3.33, 3.34, 3.35, 3.36, 3.37, 3.38, 3.39, 3.40, 3.41, 3.42, 3.43, 3.44, 3.45, 3.46, 3.47, 3.48, 3.49, 3.50, 3.51, 3.52, 3.53, 3.54, 3.55, 3.56, 3.57, 3.58, 3.59, 3.60, 3.61, 3.62, 3.63, 3.64, 3.65, 3.66, 3.67, 3.68, 3.69, 3.70, 3.71, 3.72, 3.73, 3.74, 3.75, 3.76, 3.77, 3.78, 3.79, 3.80, 3.81, 3.82, 3.83, 3.84, 3.85, 3.86, 3.87, 3.88, 3.89, 3.90, 3.91, 3.92, 3.93, 3.94, 3.95, 3.96, 3.97, 3.98, 3.99, 4.00, 4.01, 4.02, 4.03, 4.04, 4.05, 4.06, 4.07, 4.08, 4.09, 4.10, 4.11, 4.12, 4.13, 4.14, 4.15, 4.16, 4.17, 4.18, 4.19, 4.20, 4.21, 4.22, 4.23, 4.24, 4.25, 4.26, 4.27, 4.28, 4.29, 4.30, 4.31, 4.32, 4.33, 4.34, 4.35, 4.36, 4.37, 4.38, 4.39, 4.40, 4.41, 4.42, 4.43, 4.44, 4.45, 4.46, 4.47, 4.48, 4.49, 4.50, 4.51, 4.52, 4.53, 4.54, 4.55, 4.56, 4.57, 4.58, 4.59, 4.60, 4.61, 4.62, 4.63, 4.64, 4.65, 4.66, 4.67, 4.68, 4.69, 4.70, 4.71, 4.72, 4.73, 4.74, 4.75, 4.76, 4.77, 4.78, 4.79, 4.80, 4.81, 4.82, 4.83, 4.84, 4.85, 4.86, 4.87, 4.88, 4.89, 4.90, 4.91, 4.92, 4.93, 4.94, 4.95, 4.96, 4.97, 4.98, 4.99, 5.00, 5.01, 5.02, 5.03, 5.04, 5.05, 5.06, 5.07, 5.08, 5.09, 5.10, 5.11, 5.12, 5.13, 5.14, 5.15, 5.16, 5.17, 5.18, 5.19, 5.20, 5.21, 5.22, 5.23, 5.24, 5.25, 5.26, 5.27, 5.28, 5.29, 5.30, 5.31, 5.32, 5.33, 5.34, 5.35, 5.36, 5.37, 5.38, 5.39, 5.40, 5.41, 5.42, 5.43, 5.44, 5.45, 5.46, 5.47, 5.48, 5.49, 5.50, 5.51, 5.52, 5.53, 5.54, 5.55, 5.56, 5.57, 5.58, 5.59, 5.60, 5.61, 5.62, 5.63, 5.64, 5.65, 5.66, 5.67, 5.68, 5.69, 5.70, 5.71, 5.72, 5.73, 5.74, 5.75, 5.76, 5.77, 5.78, 5.79, 5.80, 5.81, 5.82, 5.83, 5.84, 5.85, 5.86, 5.87, 5.88, 5.89, 5.90, 5.91, 5.92, 5.93, 5.94, 5.95, 5.96, 5.97, 5.98, 5.99, 6.00, 6.01, 6.02, 6.03, 6.04, 6.05, 6.06, 6.07, 6.08, 6.09, 6.10, 6.11, 6.12, 6.13, 6.14, 6.15, 6.16, 6.17, 6.18, 6.19, 6.20, 6.21, 6.22, 6.23, 6.24, 6.25, 6.26, 6.27, 6.28, 6.29, 6.30, 6.31, 6.32, 6.33, 6.34, 6.35, 6.36, 6.37, 6.38, 6.39, 6.40, 6.41, 6.42, 6.43, 6.44, 6.45, 6.46, 6.47, 6.48, 6.49, 6.50, 6.51, 6.52, 6.53, 6.54, 6.55, 6.56, 6.57, 6.58, 6.59, 6.60, 6.61, 6.62, 6.63, 6.64, 6.65, 6.66, 6.67, 6.68, 6.69, 6.70, 6.71, 6.72, 6.73, 6.74, 6.75, 6.76, 6.77, 6.78, 6.79, 6.80, 6.81, 6.82, 6.83, 6.84, 6.85, 6.86, 6.87, 6.88, 6.89, 6.90, 6.91, 6.92, 6.93, 6.94, 6.95, 6.96, 6.97, 6.98, 6.99, 7.00, 7.01, 7.02, 7.03, 7.04, 7.05, 7.06, 7.07, 7.08, 7.09, 7.10, 7.11, 7.12, 7.13, 7.14, 7.15, 7.16, 7.17, 7.18, 7.19, 7.20, 7.21, 7.22, 7

[illegible]

Functional Safety Certificate

№. 019200254-SAC023

Certificate's holder: Zhongxing Electronic Technology Co., Ltd.
Building 2, No. 1000000 Road, Shanghai District, Shanghai, China

Manufacturer: Zhongxing Electronic Technology Co., Ltd.
Building 2, No. 1000000 Road, Shanghai District, Shanghai, China

Product Model(s): ZS-1000

Standard: GB 15320-2003

Verification Basis: The certificate is issued on the basis of the test results of the product, which are in accordance with the requirements of the standard.

Remarks: The certificate is valid for a period of 24 months from the date of issue. The certificate is valid for the product, which is in accordance with the requirements of the standard.

Issue date: 2019.09.01

Valid until: 2020.09.01

Issue date: 2019.09.01

Valid until: 2020.09.01

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		AUTHORIZATION TO MARK	
This authorizes the application of the Conformity Marking shown below to the products described in the Form Approved. The products described in the Form Approved are authorized to be marked with the Conformity Marking shown below. This authorization is granted on the condition that the products described in the Form Approved will be manufactured in accordance with the applicable standards and specifications. This document is the property of Intertek and shall not be made available to the public. The conformity marking may be used only for the products described in the Form Approved.			
Applicant: Shanghai Electric Group Co., Ltd.		Manufacturer: Shanghai Electric Group Co., Ltd.	
Address: No. 180, Xinyuan Road, Shanghai, China		Address: No. 180, Xinyuan Road, Shanghai, China	
Country: China		Country: China	
Form Authorized To Apply Mark: Testing Laboratory Office		Form Authorized To Apply Mark: Testing Laboratory Office	
Contract Number: 0032762		Contract Number: 0032762	
		Authorized Signatory: Mr. Matthew Wright, Certification Manager	

This document supersedes all other documents. It is the property of Intertek and shall not be made available to the public. This document is the property of Intertek and shall not be made available to the public. The conformity marking may be used only for the products described in the Form Approved.			
Additional Testing Information: Intertek has been notified by the applicant that the products described in the Form Approved are not to be used for any other purpose than the one for which they were designed. The applicant has agreed to indemnify Intertek for any and all claims, damages, costs, and expenses, including reasonable attorneys' fees, that may be incurred by Intertek as a result of the use of the products described in the Form Approved for any purpose other than the one for which they were designed.			
Signature: Matthew Wright, Certification Manager Intertek 10000 W. 16th Ave., Suite 100 Denver, CO 80202 Telephone: 303.771.1000 Fax: 303.771.1000 Email: matthew.wright@intertek.com			
Reference: Intertek's Form Approved is a certification of compliance with the requirements of the Department of Commerce, Control, and Laboratory for Part 1. The requirements of the Department of Commerce, Control, and Laboratory for Part 1 are as follows: 1. The product must be designed and manufactured in accordance with the requirements of the Department of Commerce, Control, and Laboratory for Part 1. 2. The product must be tested and certified by an Intertek Testing Laboratory Office. 3. The product must be marked with the Intertek Conformity Marking. 4. The product must be used for the purpose for which it was designed. 5. The product must be used in accordance with the instructions provided by the manufacturer. 6. The product must be used in accordance with the applicable standards and specifications. 7. The product must be used in accordance with the applicable laws and regulations. 8. The product must be used in accordance with the applicable industry practices. 9. The product must be used in accordance with the applicable safety standards. 10. The product must be used in accordance with the applicable environmental standards. 11. The product must be used in accordance with the applicable health standards. 12. The product must be used in accordance with the applicable social standards. 13. The product must be used in accordance with the applicable ethical standards. 14. The product must be used in accordance with the applicable legal standards. 15. The product must be used in accordance with the applicable moral standards. 16. The product must be used in accordance with the applicable religious standards. 17. The product must be used in accordance with the applicable cultural standards. 18. The product must be used in accordance with the applicable linguistic standards. 19. The product must be used in accordance with the applicable artistic standards. 20. The product must be used in accordance with the applicable scientific standards. 21. 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国家铸造锻压机械质量检验检测中心 NATIONAL FORESTRY & MULCH PROCESSING MACHINE QUALITY INSPECTION/TESTING CENTER 产品检验证书 QUALITY TEST CERTIFICATE	
兹证明：上海信息电子有限公司 地址：上海市松江区车墩路168号7号 生产的V1000系列安全光幕符合国家标准GB15764-2004相关要求。	编号：No.20240701
This is to certify that V1000 series Safety Light Curtain (Shanghai Senor Electronics Co., Ltd) have been found to conform to the relevant clause of national standard GB15764-2004.	
本证书仅对试验样品有效，检验报告编号：DJ-2809-T.	
This certificate is only valid to the tested product. Test report No.: DJ-2809-T.	
本证书有效期至：2027年7月21日 This certificate is valid until: Jul. 21, 2027.	有效期至：2027年7月21日 Valid until: Jul. 21, 2027.
发证日期：2024年7月21日 Date of issue: Jul. 21, 2024	 Issued by: 

[illegible]

专业术语介绍：

光束——发射端按一定频率发射的红外光线，通过光学系统器件后，形成一条平行射出的光线。

光轴间距——相邻光点中心点之间的距离。常规产品有 10mm/20mm/40mm。通道防护有 80mm/120mm。

分辨率——该套光幕检测范围内任何位置进入都能被可靠检测的物体最小直径，大于光轴间距一个透镜的高度。

保护高度——该套光幕可以有效防护的高度范围，一般指第一个光点到最后一个光点，中心点之间的距离。

保护长度——该套光幕可以有效防护的宽度范围，指发射端与接收端正常对准工作时的最短及最远距离。

自检功能——安全光幕对自身故障进行的检查与控制，防止出现失灵现象。自检的模式分为周期性自检（type2）和实时自检（type4）两种。

安全控制器——为安全光幕提供电源，并将处理光幕输出晶体管信号，转化为互锁安全的继电器信号输出。

响应时间——指光幕被触发到信号输出中间的时间间隔，该数值根据光幕的长度变化而变化。

双回路输出——安全输出，为独立且同步的两路信号输出，任何一路输出故障另一路强制报警输出！

手动复位——光幕在通电正常工作的状态下一次遮光后恢复通光状态，其安全输出锁定，保持遮光状态。通过外部开关手动控制其复位的功能。

固定屏蔽功能——在光幕保护范围内，如果有物体固定位置保持遮挡光幕且无法移除，可通过功能键实现对其屏蔽，不影响其他光点正常工作。

浮动屏蔽功能——在光幕保护范围内，如果有移动物体保持遮挡光幕且无法移除，可通过功能键实现对其屏蔽，不影响其他光点正常工作。

安全距离——为了保障安全，光幕的安装位置与危险区域边缘的最小距离必须控制在安全范围内，否则仍然存在安全隐患。

其安全距离的计算公式 D_s 为： $D_s = K * T + C$

式中 D_s ——安全距离单位为 mm。

K ——人体自然接近速度，单位为 mm/s。

T ——设备制动时间，单位为 s。

C ——附加距离，单位为 mm

K 值的确定：当安全光幕水平安装时，应使用 1600mm/s，垂直安装时应使用 2000mm/s

T 值的确定：安全光幕的响应速度 + 设备的制动时间，需要厂方数据或实际测量数据。

C 值的确定：按分辨率决定，参考数值：分辨率 20mm 则 $C=80\text{mm}$

分辨率 30mm 则 $C=130\text{mm}$

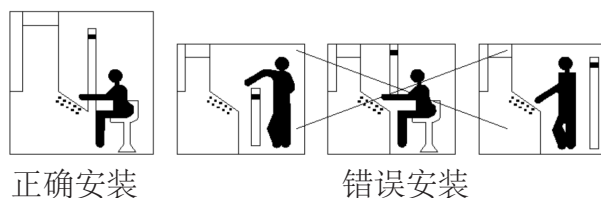
分辨率 50mm 及以上则 $C=850\text{mm}$



警告：安全距离是确保安全光幕实现保护功能的必要条件之一，必须正确计算安全距离安装时必须保证光幕检测面到危险区域边缘的距离不小于安全距离！

警告：使用不满一年的机械设备，可参考工厂提供的急停时间数据，超过一年以上的设备请实际测量制动时间，对比原厂数据采用较大数值！

警告：在保证安全距离的前提下，安全光幕的安装位置必须合理。不然存在安全隐患！



SSG20 重型智能安全光幕



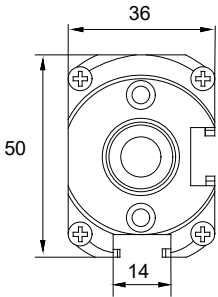
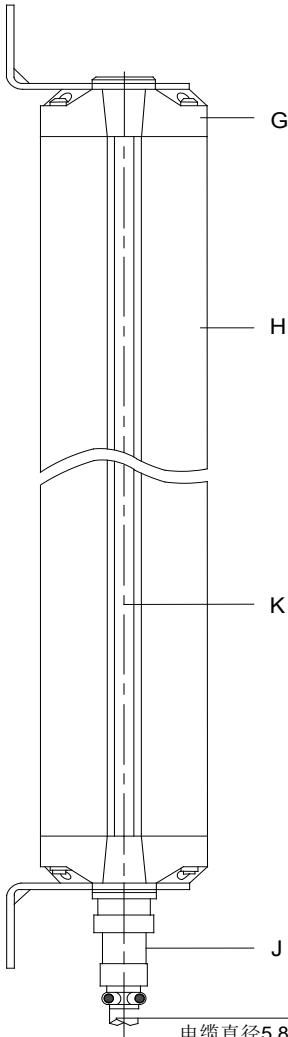
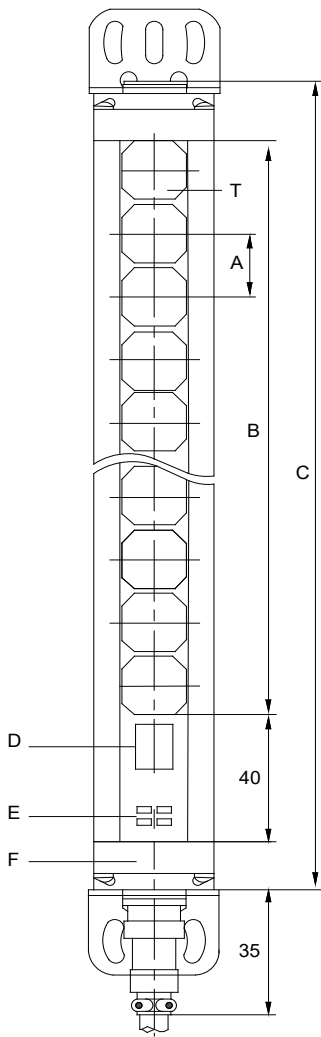
常规订购讯息：

产品组件	型号	产品订货号
安全光幕主体	SSG20-300320-NJ	1110034
发射端导线接插件	SX1-1604-5M	7100008
接收端导线接插件	SX1-1606-3M	7100009
金属两端安装支架	SC-G-M	7200027

功能简述：

功能简述	功能实现	实现方式
对准指示	✓	实时
出错代码指示	✓	实时
内部自检	✓	循环
EDM 信源监控	✓	实时
TEST 远程监控	✓	触发
多面防护	定制	配合反光镜 F120 系列
固定屏蔽功能	定制	触发，自学习
浮动屏蔽功能	定制	触发，自学习

其他产品信息请至我司网站查询 WWW.SENSORC.COM



- A- 光轴间距 10mm/20mm/40mm
- B- 光点总高 = 光点数量 * 光轴间距
- C- 外壳总高 (具体值参考型号总表)
- D-A/D 数码管指示区域
- E- 状态指示灯组
- F- 下端盖 材质工程塑料
- G- 上端盖 材质工程塑料
- H- 光幕壳体 材质铝合金
- T- 专用光学透镜
- K- 安装长槽
- J- 接插件

电缆直径5.8mm,5C*0.3mm²

参数备注:

对射距离	0-----8m 部分型号最远定制可达 50m		
光点总数	8-----128 点		
光点总高	160----1920mm 按型号分类，高度可定制		
光轴间距	10mm/20mm/40mm		
分辨率	20mm/30mm/50mm		
响应时间	4---66ms *1)		
同步方式	光同步		
安全类型	Type 4 (GB4584-2007, GB/T19436-1/2, IEC 61496-1/2)		
安全完整性	SIL3 (IEC 61508)		
	SILCL3 (EN 62061)		
安全类别	Category 4 (EN ISO 13849)		
性能等级	PL e (EN ISO 13849)		
电源电压	24VDC ± 15%		
消耗功率	≤ 5 W		
最大输出电流	200 mA		
安全输出	PNP × 2 /NPN × 2		
内部保护	电源极性保护 输出短路保护 输出过载保护		
防护等级	IP65 (EN 60529)		
工作温度	− 10 ° C ... +60 ° C		
储存温度	− 25 ° C ... +70 ° C		
环境湿度	15 % ... 95 %, Non-condensing		
抗震性能	5g, 10 Hz ... 55 Hz (IEC 60068-2-6)		

型号说明:

[illegible]

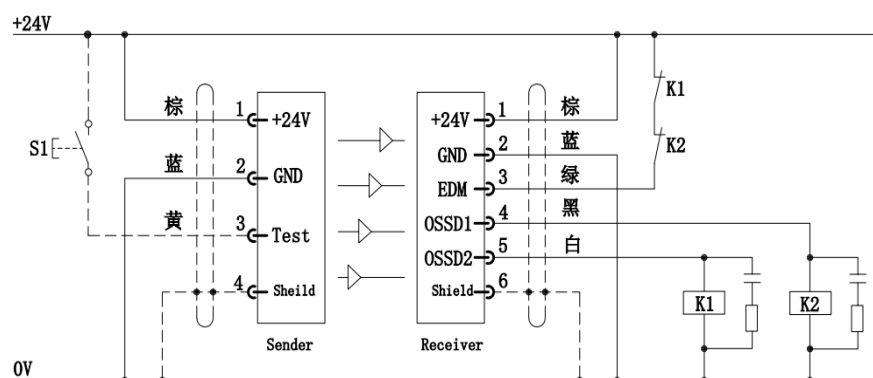
SSG20 重型智能安全光幕

商品编码	光轴间距 10mm	光点总高 mm	外壳总高 mm	商品编码	光轴间距 10mm	光点总高 mm	外壳总高 mm
1110001	SSG20-200160-□J	160	234	1110016	SSG20-200760-□J	760	834
1110002	SSG20-200200-□J	200	274	1110017	SSG20-200800-□J	800	874
1110003	SSG20-200240-□J	240	314	1110018	SSG20-200840-□J	840	914
1110004	SSG20-200280-□J	280	354	1110019	SSG20-200880-□J	880	954
1110005	SSG20-200320-□J	320	394	1110020	SSG20-200920-□J	920	994
1110006	SSG20-200360-□J	360	434	1110021	SSG20-200960-□J	960	1034
1110007	SSG20-200400-□J	400	474	1110022	SSG20-201000-□J	1000	1074
1110008	SSG20-200440-□J	440	514	1110023	SSG20-201040-□J	1040	1114
1110009	SSG20-200480-□J	480	554	1110024	SSG20-201080-□J	1080	1154
1110010	SSG20-200520-□J	520	594	1110025	SSG20-201120-□J	1120	1194
1110011	SSG20-200560-□J	560	634	1110026	SSG20-201160-□J	1160	1234
1110012	SSG20-200600-□J	600	674	1110027	SSG20-201200-□J	1200	1274
1110013	SSG20-200640-□J	640	714	1110028	SSG20-201240-□J	1240	1314
1110014	SSG20-200680-□J	680	754	1110029	SSG20-201280-□J	1280	1354
1110015	SSG20-200720-□J	720	794				
商品编码	光轴间距 20mm	光点总高 mm	外壳总高 mm	商品编码	光轴间距 20mm	光点总高 mm	外壳总高 mm
1110030	SSG20-300160-□J	160	234	1110059	SSG20-301320-□J	1320	1394
1110031	SSG20-300200-□J	200	274	1110060	SSG20-301360-□J	1360	1434
1110032	SSG20-300240-□J	240	314	1110061	SSG20-301400-□J	1400	1474
1110033	SSG20-300280-□J	280	354	1110062	SSG20-301440-□J	1440	1514
1110034	SSG20-300320-□J	320	394	1110063	SSG20-301480-□J	1480	1554
1110035	SSG20-300360-□J	360	434	1110064	SSG20-301520-□J	1520	1594
1110036	SSG20-300400-□J	400	474	1110065	SSG20-301560-□J	1560	1634
1110037	SSG20-300440-□J	440	514	1110066	SSG20-301600-□J	1600	1674
1110038	SSG20-300480-□J	480	554	1110067	SSG20-301640-□J	1640	1714
1110039	SSG20-300520-□J	520	594	1110068	SSG20-301680-□J	1680	1754
1110040	SSG20-300560-□J	560	634	1110069	SSG20-301720-□J	1720	1794
1110041	SSG20-300600-□J	600	674	1110070	SSG20-301760-□J	1760	1834
1110042	SSG20-300640-□J	640	714	1110071	SSG20-301800-□J	1800	1874
1110043	SSG20-300680-□J	680	754	1110072	SSG20-301840-□J	1840	1914
1110044	SSG20-300720-□J	720	794	1110073	SSG20-301880-□J	1880	1954
1110045	SSG20-300760-□J	760	834	1110074	SSG20-301920-□J	1920	1994
1110046	SSG20-300800-□J	800	874	1110075	SSG20-301960-□J	1960	2034
1110047	SSG20-300840-□J	840	914	1110076	SSG20-302000-□J	2000	2074
1110048	SSG20-300880-□J	880	954	1110077	SSG20-302040-□J	2040	2114
1110049	SSG20-300920-□J	920	994	1110078	SSG20-302080-□J	2080	2154
1110050	SSG20-300960-□J	960	1034	1110079	SSG20-302120-□J	2120	2194
1110051	SSG20-301000-□J	1000	1074	1110080	SSG20-302160-□J	2160	2234
1110052	SSG20-301040-□J	1040	1114	1110081	SSG20-302200-□J	2200	2274
1110053	SSG20-301080-□J	1080	1154	1110082	SSG20-302240-□J	2240	2314
1110054	SSG20-301120-□J	1120	1194	1110083	SSG20-302280-□J	2280	2354
1110055	SSG20-301160-□J	1160	1234	1110084	SSG20-302320-□J	2320	2394
1110056	SSG20-301200-□J	1200	1274	1110085	SSG20-302360-□J	2360	2434
1110057	SSG20-301240-□J	1240	1314	1110086	SSG20-302400-□J	2400	2474
1110058	SSG20-301280-□J	1280	1354				
商品编码	光轴间距 40mm	光点总高 mm	外壳总高 mm	商品编码	光轴间距 40mm	光点总高 mm	外壳总高 mm
1110091	SSG20-500160-□J	160	234	1110106	SSG20-501360-□J	1360	1434
1110092	SSG20-500240-□J	240	314	1110107	SSG20-501440-□J	1440	1514
1110093	SSG20-500320-□J	320	394	1110108	SSG20-501520-□J	1520	1594
1110094	SSG20-500400-□J	400	474	1110109	SSG20-501600-□J	1600	1674
1110095	SSG20-500480-□J	480	554	1110110	SSG20-501680-□J	1680	1754
1110096	SSG20-500560-□J	560	634	1110111	SSG20-501760-□J	1760	1834
1110097	SSG20-500640-□J	640	714	1110112	SSG20-501840-□J	1840	1914
1110098	SSG20-500720-□J	720	794	1110113	SSG20-501920-□J	1920	1994
1110099	SSG20-500800-□J	800	874	1110114	SSG20-502000-□J	2000	2074
1110100	SSG20-500880-□J	880	954	1110115	SSG20-502080-□J	2080	2154
1110101	SSG20-500960-□J	960	1034	1110116	SSG20-502160-□J	2160	2234
1110102	SSG20-501040-□J	1040	1114	1110117	SSG20-502240-□J	2240	2314
1110103	SSG20-501120-□J	1120	1194	1110118	SSG20-502320-□J	2320	2394
1110104	SSG20-501200-□J	1200	1274	1110119	SSG20-502400-□J	2400	2474
1110105	SSG20-501280-□J	1280	1354				

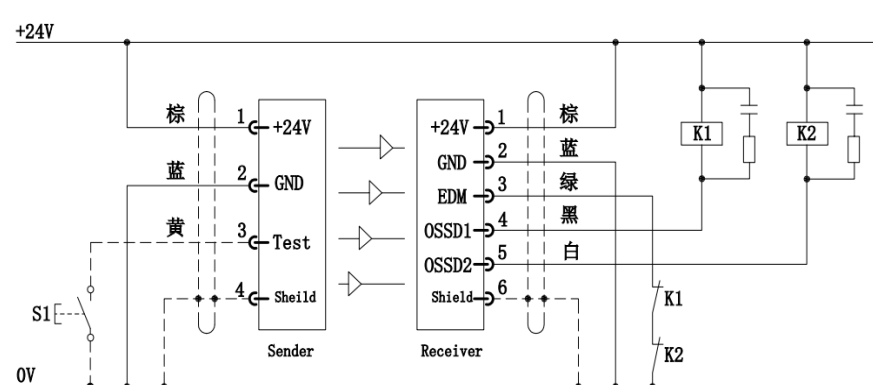
PS: 外壳高度不包括接插件, 接插件长度 35mm

接线方式:

SSG20-PJ 接线图



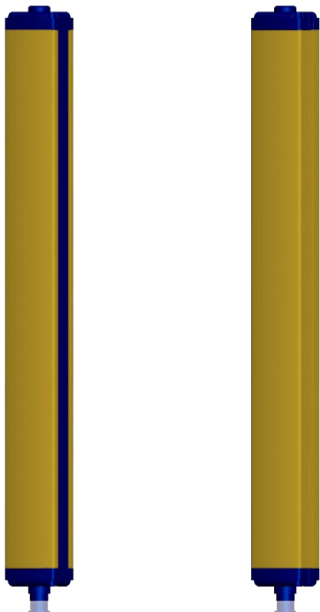
SSG20-NJ 接线图



PS: 如光幕因环境原因发生电磁干扰现象, 请采用绝缘的安装方式, 并将屏蔽线接 0V !



V1000 安全光幕



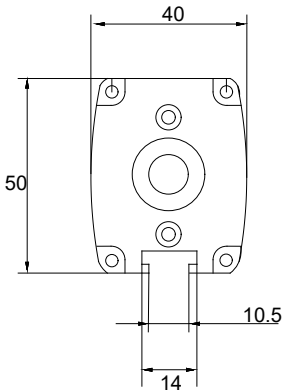
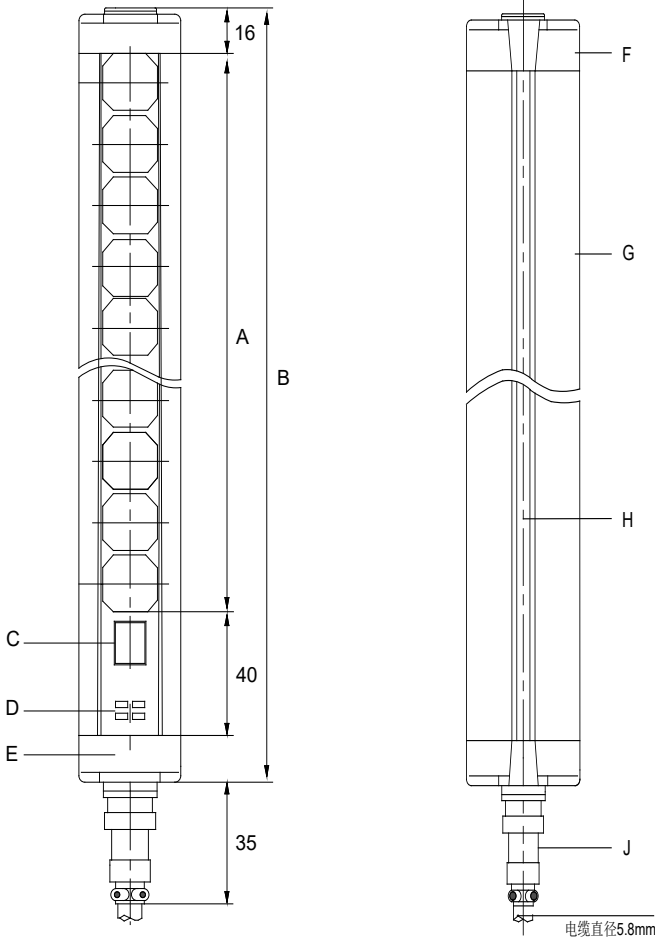
常规订购讯息：

产品组件	型号	产品订货号
安全光幕主体	V1000-4008-NJ	1410093
发射端导线接插件	SX1-1604-5M	7100008
接收端导线接插件	SX1-1606-3M	7100009
冲床专用避震支架套装	SC-G-DS700	7200045
金属外置控制器	VD32	6200001
防护罩壳	SC-H-V320-Y	7200055

功能简述：

功能简述	功能实现	实现方式
对准指示	✓	实时
出错代码指示	✓	实时
内部自检	✓	实时
EDM 信源监控	✓	实时
TEST 远程监控	✓	触发
对射距离增强	✓	定制最远 20m
多面防护	定制	配合反光镜系列
级联 (型号请与业务担当确认)	定制	多级联接 总光束数不大于 128 点
固定屏蔽功能	定制	触发，自学习
浮动屏蔽功能	定制	触发，自学习

其他产品信息请至我司网站查询 WWW.SENSORC.COM



- A- 光点总高 = 光点数量 * 光轴间距
- B- 外壳总高 (具体值参考型号总表)
- C-A/D 数码管指示区域
- D- 状态指示灯组
- E- 下端盖 材质工程塑料
- F- 上端盖 材质工程塑料
- G- 外壳 材质铝合金
- H- 安装长槽
- J- 接插件

参数备注:

对射距离	0-----6m 部分型号最远定制可达 50m		
光点总数	8-----128 点		
光点总高	160----1920mm 按型号分类，高度可定制		
光轴间距	10mm/20mm/40mm		
分辨率	20mm/30mm/50mm		
响应时间	4---66ms *1)		
同步方式	光同步		
安全类型	Type 4 (GB4584-2007, GB/T19436-1/2, IEC 61496-1/2)		
安全完整性	SIL3 (IEC 61508)		
	SILCL3 (EN 62061)		
安全类别	Category 4(EN ISO 13849)		
性能等级	PL e (EN ISO 13849)		
电源电压	24VDC ± 15%		
消耗功率	≤ 5 W		
最大输出电流	200 mA		
安全输出	PNP × 2 /NPN × 2		
内部保护	电源极性保护 输出短路保护 输出过载保护		
防护等级	IP65 (EN 60529)		
工作温度	－ 10 ° C ... +60 ° C		
储存温度	－ 25 ° C ... +70 ° C		
环境湿度	15 % ... 95 %, Non-condensing		
抗震性能	5g, 10 Hz ... 55 Hz (IEC 60068-2-6)		

型号说明:

[illegible]

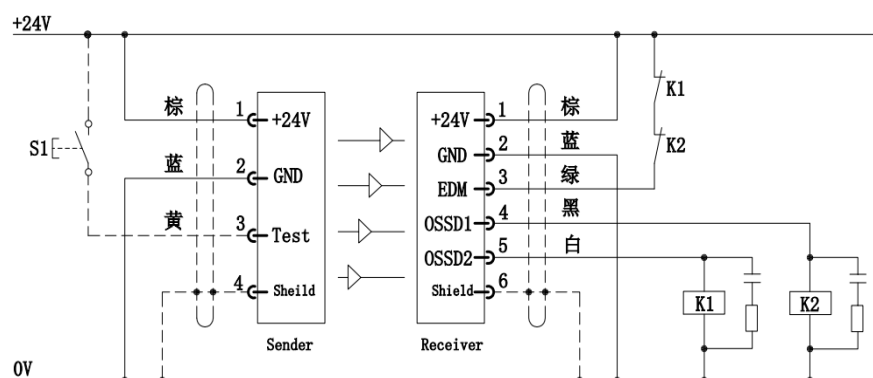
V1000 安全光幕

商品编码	光轴间距 10mm	光点总高 mm	外壳总高 mm	商品编码	光轴间距 10mm	光点总高 mm	外壳总高 mm
1410001	V1000-1016-□J	160	227	1410406	V1000-1074-□J	740	807
1410392	V1000-1018-□J	180	247	1410016	V1000-1076-□J	760	827
1410002	V1000-1020-□J	200	267	1410407	V1000-1078-□J	780	847
1410393	V1000-1022-□J	220	287	1410017	V1000-1080-□J	800	867
1410003	V1000-1024-□J	240	307	1410408	V1000-1082-□J	820	887
1410394	V1000-1026-□J	260	327	1410018	V1000-1084-□J	840	907
1410004	V1000-1028-□J	280	347	1410409	V1000-1086-□J	860	927
1410395	V1000-1030-□J	300	367	1410019	V1000-1088-□J	880	947
1410005	V1000-1032-□J	320	387	1410410	V1000-1090-□J	900	967
1410396	V1000-1034-□J	340	407	1410020	V1000-1092-□J	920	987
1410006	V1000-1036-□J	360	427	1410411	V1000-1094-□J	940	1007
1410397	V1000-1038-□J	380	447	1410021	V1000-1096-□J	960	1027
1410007	V1000-1040-□J	400	467	1410412	V1000-1098-□J	980	1047
1410398	V1000-1042-□J	420	487	1410022	V1000-10100-□J	1000	1067
1410008	V1000-1044-□J	440	507	1410413	V1000-10102-□J	1020	1087
1410399	V1000-1046-□J	460	527	1410023	V1000-10104-□J	1040	1107
1410009	V1000-1048-□J	480	547	1410414	V1000-10106-□J	1060	1127
1410400	V1000-1050-□J	500	567	1410024	V1000-10108-□J	1080	1147
1410010	V1000-1052-□J	520	587	1410415	V1000-10110-□J	1100	1167
1410401	V1000-1054-□J	540	607	1410025	V1000-10112-□J	1120	1187
1410011	V1000-1056-□J	560	627	1410416	V1000-10114-□J	1140	1207
1410402	V1000-1058-□J	580	647	1410026	V1000-10116-□J	1160	1227
1410012	V1000-1060-□J	600	667	1410417	V1000-10118-□J	1180	1247
1410403	V1000-1062-□J	620	687	1410027	V1000-10120-□J	1200	1267
1410013	V1000-1064-□J	640	707	1410418	V1000-10122-□J	1220	1287
1410404	V1000-1066-□J	660	727	1410028	V1000-10124-□J	1240	1307
1410014	V1000-1068-□J	680	747	1410419	V1000-10126-□J	1260	1327
1410405	V1000-1070-□J	700	767	1410029	V1000-10128-□J	1280	1347
1410015	V1000-1072-□J	720	787				
商品编码	光轴间距 20mm	光点总高 mm	外壳总高 mm	商品编码	光轴间距 20mm	光点总高 mm	外壳总高 mm
1410030	V1000-2008-□J	160	227	1410059	V1000-2066-□J	1320	1387
1410031	V1000-2010-□J	200	267	1410060	V1000-2068-□J	1360	1427
1410032	V1000-2012-□J	240	307	1410061	V1000-2070-□J	1400	1467
1410033	V1000-2014-□J	280	347	1410062	V1000-2072-□J	1440	1507
1410034	V1000-2016-□J	320	387	1410063	V1000-2074-□J	1480	1547
1410035	V1000-2018-□J	360	427	1410064	V1000-2076-□J	1520	1587
1410036	V1000-2020-□J	400	467	1410065	V1000-2078-□J	1560	1627
1410037	V1000-2022-□J	440	507	1410066	V1000-2080-□J	1600	1667
1410038	V1000-2024-□J	480	547	1410067	V1000-2082-□J	1640	1707
1410039	V1000-2026-□J	520	587	1410068	V1000-2084-□J	1680	1747
1410040	V1000-2028-□J	560	627	1410069	V1000-2086-□J	1720	1787
1410041	V1000-2030-□J	600	667	1410070	V1000-2088-□J	1760	1827
1410042	V1000-2032-□J	640	707	1410071	V1000-2090-□J	1800	1867
1410043	V1000-2034-□J	680	747	1410072	V1000-2092-□J	1840	1907
1410044	V1000-2036-□J	720	787	1410073	V1000-2094-□J	1880	1947
1410045	V1000-2038-□J	760	827	1410074	V1000-2096-□J	1920	1987
1410046	V1000-2040-□J	800	867	1410075	V1000-2098-□J	1960	2027
1410047	V1000-2042-□J	840	907	1410076	V1000-20100-□J	2000	2067
1410048	V1000-2044-□J	880	947	1410077	V1000-20102-□J	2040	2107
1410049	V1000-2046-□J	920	987	1410078	V1000-20104-□J	2080	2147
1410050	V1000-2048-□J	960	1027	1410079	V1000-20106-□J	2120	2187
1410051	V1000-2050-□J	1000	1067	1410080	V1000-20108-□J	2160	2227
1410052	V1000-2052-□J	1040	1107	1410081	V1000-20110-□J	2200	2267
1410053	V1000-2054-□J	1080	1147	1410082	V1000-20112-□J	2240	2307
1410054	V1000-2056-□J	1120	1187	1410083	V1000-20114-□J	2280	2347
1410055	V1000-2058-□J	1160	1227	1410084	V1000-20116-□J	2320	2387
1410056	V1000-2060-□J	1200	1267	1410085	V1000-20118-□J	2360	2427
1410057	V1000-2062-□J	1240	1307	1410086	V1000-20120-□J	2400	2467
1410058	V1000-2064-□J	1280	1347				
商品编码	光轴间距 40mm	光点总高 mm	外壳总高 mm	商品编码	光轴间距 40mm	光点总高 mm	外壳总高 mm
1410091	V1000-4004-□J	160	227	1410106	V1000-4034-□J	1360	1427
1410092	V1000-4006-□J	240	307	1410107	V1000-4036-□J	1440	1507
1410093	V1000-4008-□J	320	387	1410108	V1000-4038-□J	1520	1587
1410094	V1000-4010-□J	400	467	1410109	V1000-4040-□J	1600	1667
1410095	V1000-4012-□J	480	547	1410110	V1000-4042-□J	1680	1747
1410096	V1000-4014-□J	560	627	1410111	V1000-4044-□J	1760	1827
1410097	V1000-4016-□J	640	707	1410112	V1000-4046-□J	1840	1907
1410098	V1000-4018-□J	720	787	1410113	V1000-4048-□J	1920	1987
1410099	V1000-4020-□J	800	867	1410114	V1000-4050-□J	2000	2067
1410100	V1000-4022-□J	880	947	1410115	V1000-4052-□J	2080	2147
1410101	V1000-4024-□J	960	1027	1410116	V1000-4054-□J	2160	2227
1410102	V1000-4026-□J	1040	1107	1410117	V1000-4056-□J	2240	2307
1410103	V1000-4028-□J	1120	1187	1410118	V1000-4058-□J	2320	2387
1410104	V1000-4030-□J	1200	1267	1410119	V1000-4060-□J	2400	2467
1410105	V1000-4032-□J	1280	1347				

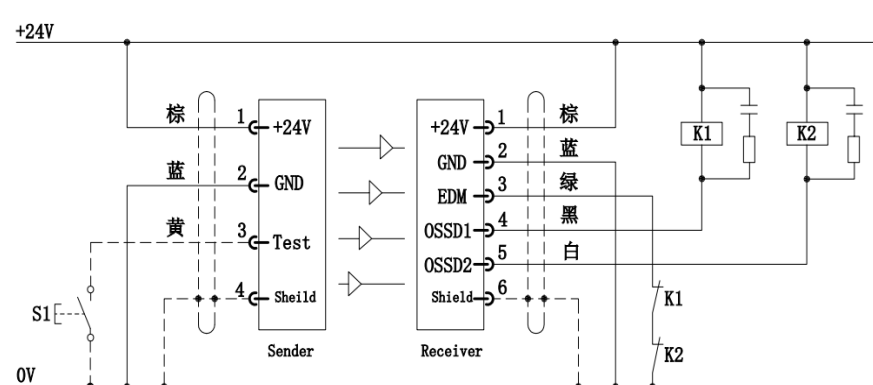
PS: 外壳高度不包括接插件，接插件长度 35mm

接线方式:

V1000-PNP 接线图



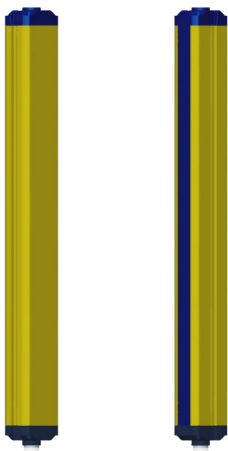
V1000-NPN 接线图



PS: 如光幕因环境原因发生电磁干扰现象, 请采用绝缘的安装方式, 并将屏蔽线接 0V !



SBG20 通道防护安全光幕



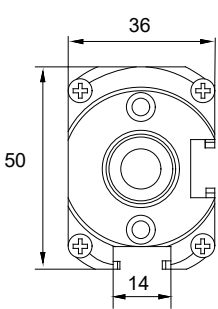
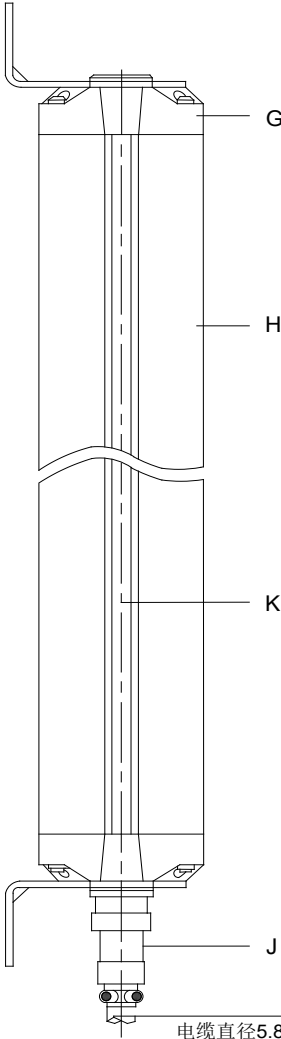
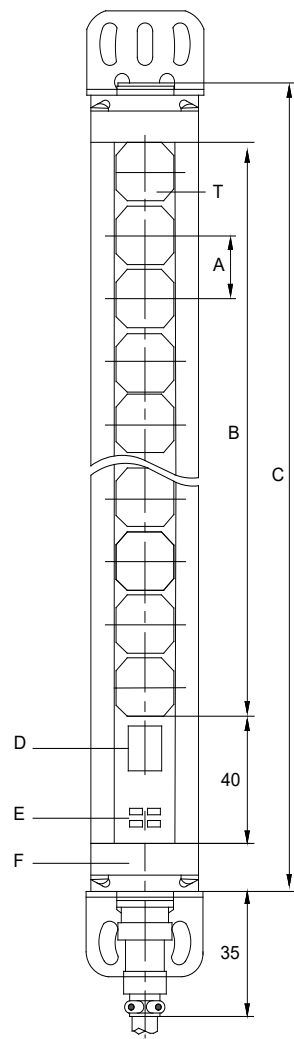
常规订购讯息：

产品组件	型号	产品订货号
安全光幕主体	SBG20-4880P	1710001
发射端导线接插件	SX1-1604-5M	7100008
接收端导线接插件	SX1-1606-3M	7100009
落地安装支架	SC-G-LD	7200034
安装滑片	SC-G-H	7200020
金属两端安装支架	SC-G-M	7200027

功能简述：

功能简述	功能实现	实现方式
对准指示	✓	实时
出错代码指示	✓	实时
内部自检	✓	实时
EDM 信源监控	✓	实时
TEST 远程监控	✓	触发
多面防护	✓	配合反光镜 F120 系列
超远对射距离	定制	定制最远可达 150m

其他产品信息请至我司网站查询 WWW.SENSORC.COM



- A- 光轴间距 120mm/280mm/400mm
- B- 光点总高 = (光轴间距 × 3) + 40 透镜高度
- C- 外壳总高 (具体值参考型号总表)
- D-A/D 数码管指示区域
- E- 状态指示灯组
- F- 下端盖 材质工程塑料
- G- 上端盖 材质工程塑料
- H- 光幕壳体 材质铝合金
- T- 专用光学透镜
- K- 安装长槽
- J- 接插件

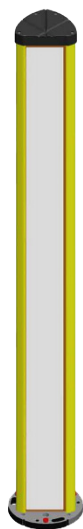
参数备注:

对射距离	0-----50m 部分型号最远定制可达 100m
光点总数	4 点
光点总高	400mm、 880mm、 1240mm
光轴间距	120mm、 280mm、 400mm
响应时间	4ms *1)
同步方式	光同步
安全类型	Type 4 (GB4584-2007, GB/T19436-1/2, IEC 61496-1/2)
安全完整性	SIL3 (IEC 61508)
	SILCL3 (EN 62061)
安全类别	Category 4(EN ISO 13849)
性能等级	PL e (EN ISO 13849)
电源电压	24VDC ± 15%
消耗功率	≤ 5 W
最大输出电流	200 mA
安全输出	PNP × 2 /NPN × 2
内部保护	电源极性保护 输出短路保护 输出过载保护
防护等级	IP65 (EN 60529)
工作温度	- 10 ° C ... +60 ° C
储存温度	- 25 ° C ... +70 ° C
环境湿度	15 % ... 95 %, Non-condensing
抗震性能	5g, 10 Hz ... 55 Hz (IEC 60068-2-6)

标注 1: 响应时间与光点数量有关, 计算公式为: $TR=(0.5 \times N)+2ms$, N 代表光点数

型号说明:

	SBG20	/	4		400	/	P	/	□□□□工厂定制代码
									SBG20 系列通道防护安全光幕
									光束总数 4 束
									光点总高 :400 代表 400mm 光点总高， 以此类推
									输出方式：P 代表双路 PNP 输出 N 代表双路 NPN 输出



SBG20 系列通道防护光幕在特殊应用场合可选配 LZ 光幕落地安装立柱，同时选配 LF 反光镜立柱实现多面防护落地安装的需求。由于现场要求的差异化与个性化，若您有该类应用，欢迎您咨询我司相关业务担当！或登录网站 WWW.SENSORC.COM

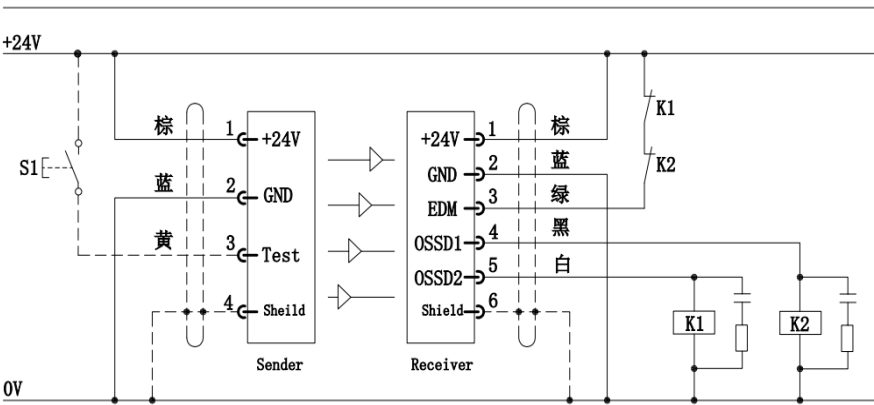
SBG20 通道防护安全光幕

型号总表:

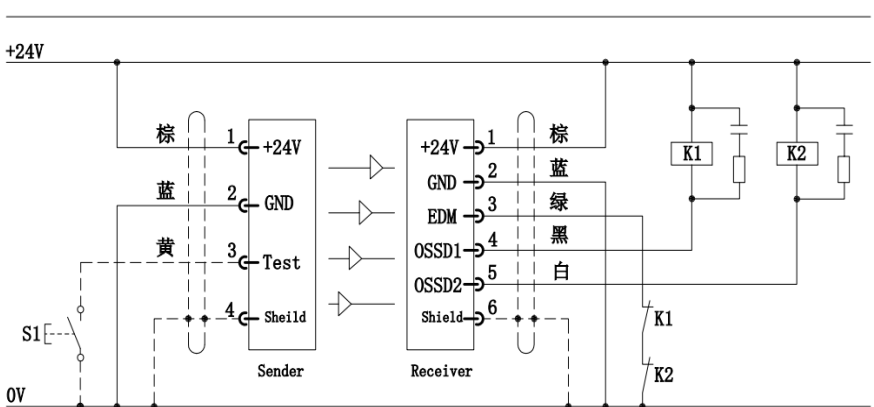
商品编码	产品型号	光点数	透镜高度 mm	外壳总高 mm
1710001	SBG20-4400 ☐	4	400	474
1710002	SBG20-4880 ☐	4	880	954
1710003	SBG20-41240 ☐	4	1240	1314

接线方式:

SBG20-PNP 接线图



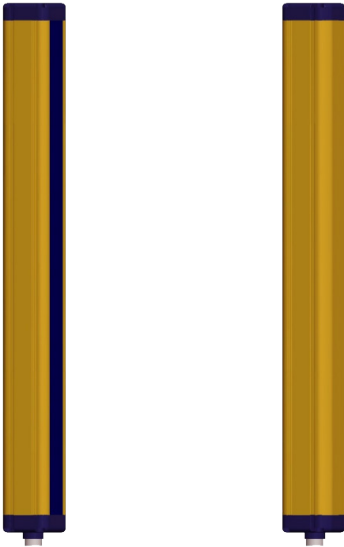
SBG20-NPN 接线图



PS: 如光幕因环境原因发生电磁干扰现象, 请采用绝缘的安装方式, 并将屏蔽线接 0V !



S200 海外版智能安全光幕



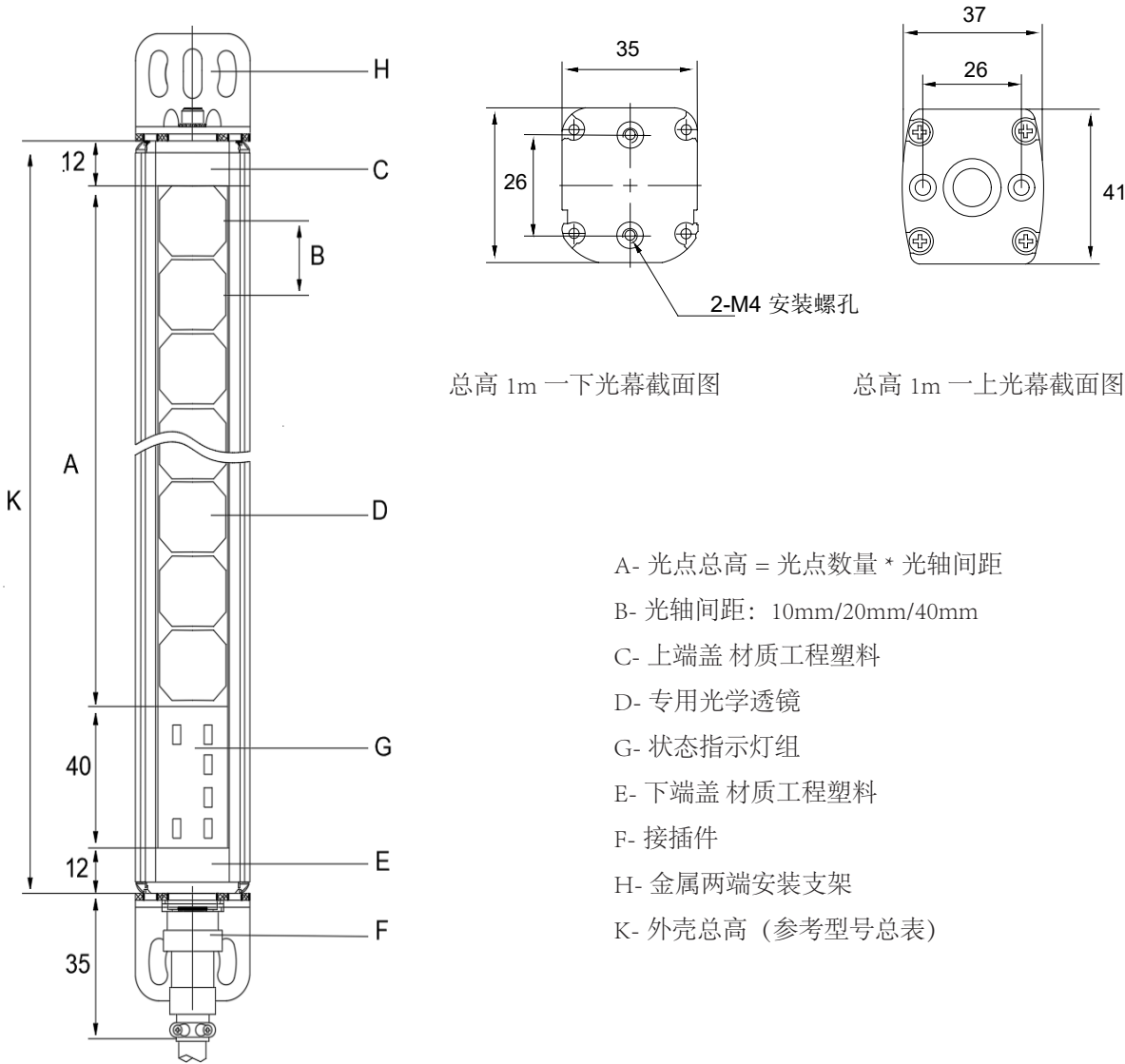
常规订购讯息：

产品组件	型号	产品订货号
安全光幕主体	S200-4014-NJ	1310079
发射端导线接插件	SX1-1206A-5M	7100007
接收端导线接插件	SX1-1206A-5M	7100007
金属两端安装支架	SC-G-N	7200028

功能简述：

功能简述	功能实现	实现方式
对准指示	✓	实时
出错代码指示	✓	实时
内部自检	✓	循环
EDM 信源监控	✓	实时
TEST 远程监控	✓	触发
手动 / 自动复位功能	✓	触发

其他产品信息请至我司网站查询 WWW.SENSORC.COM



参数备注:

对射距离	0-----6m 部分型号最远定制可达 15m		
光点总数	4-----128 点		
光点总高	160----1920mm 按型号分类，高度可定制		
光轴间距	10mm、 20mm、 40mm		
分辨率	20mm、 30mm、 50mm		
响应时间	4---66ms *1)		
同步方式	光同步		
安全类型	Type 2(GB4584-2007, GB/T19436-1/2, IEC 61496-1/2)		
安全完整性	SIL2 (IEC 61508)		
	SILCL2 (EN 62061)		
安全类别	Category 2(EN ISO 13849)		
性能等级	PL d (EN ISO 13849)		
电源电压	24VDC ± 15%		
消耗功率	≤ 5 W		
最大输出电流	200 mA		
安全输出	PNP × 2		
内部保护	电源极性保护 输出短路保护 输出过载保护		
防护等级	IP65 (EN 60529)		
工作温度	－ 10 ° C ... +60 ° C		
储存温度	－ 25 ° C ... +70 ° C		
环境湿度	15 % ... 95 %, Non-condensing		
抗震性能	3g, 10 Hz ... 55 Hz (IEC 60068-2-6)		

标注 1: 响应时间与光点数量有关, 计算公式为: $TR=(0.5 \times N)+2ms$, N 代表光点数

型号说明:

S200	/	40	/	14	/	P	/	J	/	C1	/	□□□□工厂定制代码
S200 系列国际标准智能安全光幕												
光轴间距												
10: 10mm												
20: 20mm												
40: 40mm												
光束总数: 14 代表 14 束, 以此类推												
输出方式: P 代表双路 PNP 输出												
N 代表双路 NPN 输出												
J 代表接插件型导线连接												
功能版本号												

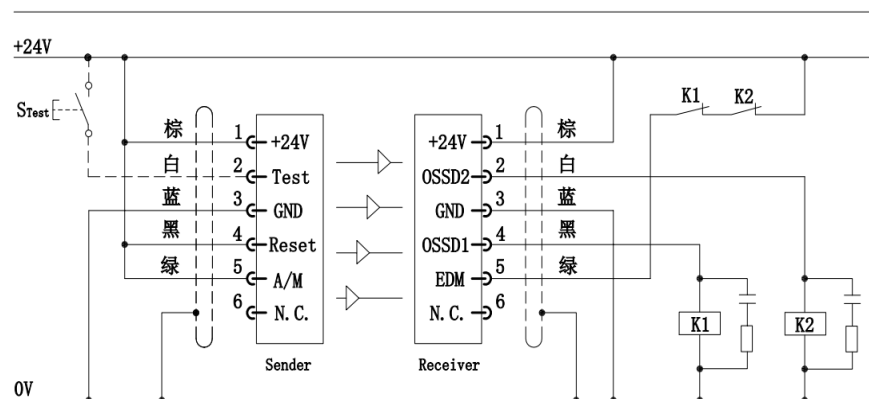
S200 海外版智能安全光幕

商品编码	光轴间距 10mm	光点总高 mm	外壳总高 mm	商品编码	光轴间距 10mm	光点总高 mm	外壳总高 mm
1310001	S200-1016-PJ	160	224	1310016	S200-1076-PJ	760	824
1310002	S200-1020-PJ	200	264	1310017	S200-1080-PJ	800	864
1310003	S200-1024-PJ	240	304	1310018	S200-1084-PJ	840	904
1310004	S200-1028-PJ	280	344	1310019	S200-1088-PJ	880	944
1310005	S200-1032-PJ	320	384	1310020	S200-1092-PJ	920	984
1310006	S200-1036-PJ	360	424	1310021	S200-1096-PJ	960	1024
1310007	S200-1040-PJ	400	464	1310022	S200-10100-PJ	1000	1064
1310008	S200-1044-PJ	440	504	1310023	S200-10104-PJ	1040	1104
1310009	S200-1048-PJ	480	544	1310024	S200-10108-PJ	1080	1144
1310010	S200-1052-PJ	520	584	1310025	S200-10112-PJ	1120	1184
1310011	S200-1056-PJ	560	624	1310026	S200-10116-PJ	1160	1224
1310012	S200-1060-PJ	600	664	1310027	S200-10120-PJ	1200	1264
1310013	S200-1064-PJ	640	704	1310028	S200-10124-PJ	1240	1304
1310014	S200-1068-PJ	680	744	1310029	S200-10128-PJ	1280	1344
1310015	S200-1072-PJ	720	784				
商品编码	光轴间距 20mm	光点总高 mm	外壳总高 mm	商品编码	光轴间距 20mm	光点总高 mm	外壳总高 mm
1310030	S200-2008-PJ	160	224	1310052	S200-2052-PJ	1040	1104
1310031	S200-2010-PJ	200	264	1310053	S200-2054-PJ	1080	1144
1310032	S200-2012-PJ	240	304	1310054	S200-2056-PJ	1120	1184
1310033	S200-2014-PJ	280	344	1310055	S200-2058-PJ	1160	1224
1310034	S200-2016-PJ	320	384	1310056	S200-2060-PJ	1200	1264
1310035	S200-2018-PJ	360	424	1310057	S200-2062-PJ	1240	1304
1310036	S200-2020-PJ	400	464	1310058	S200-2064-PJ	1280	1344
1310037	S200-2022-PJ	440	504	1310059	S200-2066-PJ	1320	1384
1310038	S200-2024-PJ	480	544	1310060	S200-2068-PJ	1360	1424
1310039	S200-2026-PJ	520	584	1310061	S200-2070-PJ	1400	1464
1310040	S200-2028-PJ	560	624	1310062	S200-2072-PJ	1440	1504
1310041	S200-2030-PJ	600	664	1310063	S200-2074-PJ	1480	1544
1310042	S200-2032-PJ	640	704	1310064	S200-2076-PJ	1520	1584
1310043	S200-2034-PJ	680	744	1310065	S200-2078-PJ	1560	1624
1310044	S200-2036-PJ	720	784	1310066	S200-2080-PJ	1600	1664
1310045	S200-2038-PJ	760	824	1310067	S200-2082-PJ	1640	1704
1310046	S200-2040-PJ	800	864	1310068	S200-2084-PJ	1680	1744
1310047	S200-2042-PJ	840	904	1310069	S200-2086-PJ	1720	1784
1310048	S200-2044-PJ	880	944	1310070	S200-2088-PJ	1760	1824
1310049	S200-2046-PJ	920	984	1310071	S200-2090-PJ	1800	1864
1310050	S200-2048-PJ	960	1024	1310072	S200-2092-PJ	1840	1904
1310051	S200-2050-PJ	1000	1064	1310073	S200-2094-PJ	1880	1944
商品编码	光轴间距 40mm	光点总高 mm	外壳总高 mm	商品编码	光轴间距 40mm	光点总高 mm	外壳总高 mm
1310074	S200-4004-PJ	160	224	1310089	S200-4034-PJ	1360	1424
1310075	S200-4006-PJ	240	304	1310090	S200-4036-PJ	1440	1504
1310076	S200-4008-PJ	320	384	1310091	S200-4038-PJ	1520	1584
1310077	S200-4010-PJ	400	464	1310092	S200-4040-PJ	1600	1664
1310078	S200-4012-PJ	480	544	1310093	S200-4042-PJ	1680	1744
1310079	S200-4014-PJ	560	624	1310094	S200-4044-PJ	1760	1824
1310080	S200-4016-PJ	640	704	1310095	S200-4046-PJ	1840	1904
1310081	S200-4018-PJ	720	784	1310096	S200-4048-PJ	1920	1984
1310082	S200-4020-PJ	800	864	1310097	S200-4050-PJ	2000	2064
1310083	S200-4022-PJ	880	944	1310098	S200-4052-PJ	2080	2144
1310084	S200-4024-PJ	960	1024	1310099	S200-4054-PJ	2160	2224
1310085	S200-4026-PJ	1040	1104	1310100	S200-4056-PJ	2240	2304
1310086	S200-4028-PJ	1120	1184	1310101	S200-4058-PJ	2320	2384
1310087	S200-4030-PJ	1200	1264	1310102	S200-4060-PJ	2400	2464
1310088	S200-4032-PJ	1280	1344	1310103	S200-4062-PJ	2480	2544

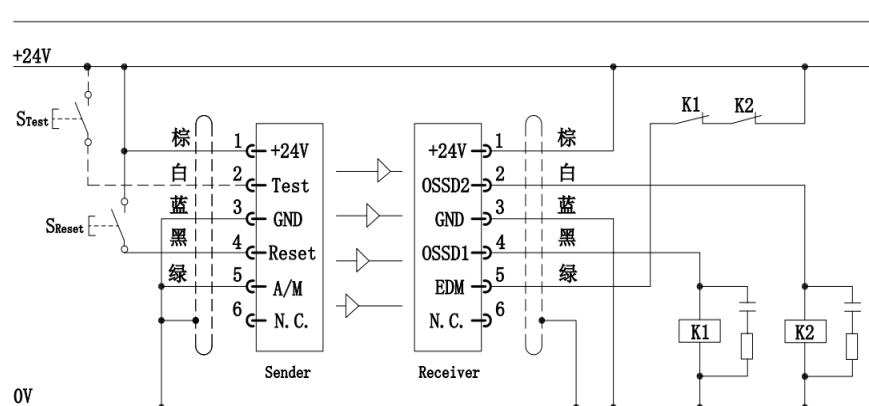
PS: 外壳高度不包括接插件，接插件长度 35mm

接线方式:

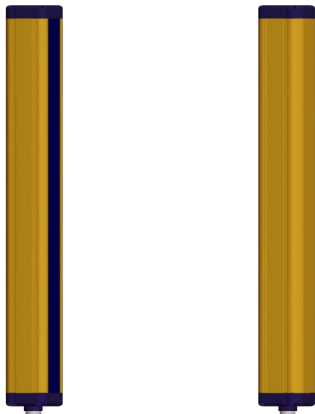
S200 接线图 (自动复位模式)



S200 接线图 (手动复位模式)



S100 紧凑型智能安全光幕



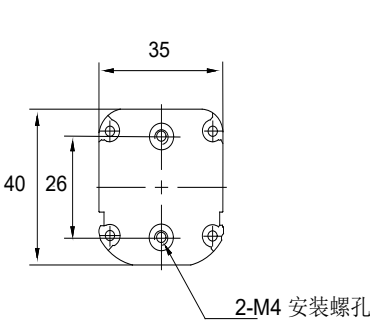
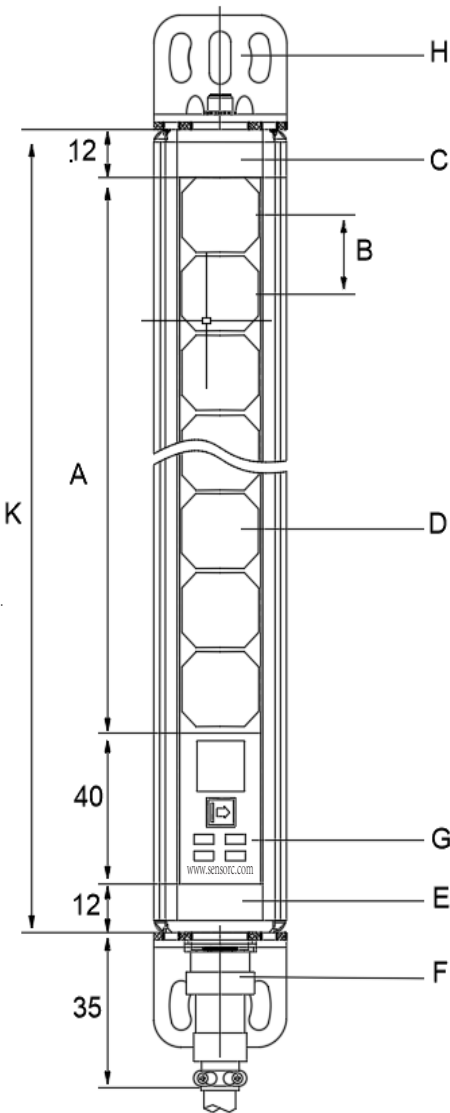
常规订购讯息：

产品组件	型号	产品订货号
安全光幕主体	S100-4014-PNJ	1110005
发射端导线接插件	SX1-1204-5M	7100005
接收端导线接插件	SX1-1206-3M	7100006
金属两端安装支架	SC-G-N	7200028

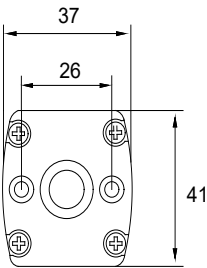
功能简述：

功能简述	功能实现	实现方式
对准指示	✓	实时
出错代码指示	✓	实时
内部自检	✓	循环
EDM 信源监控	✓	实时
TEST 远程监控	✓	触发

其他产品信息请至我司网站查询 WWW.SENSORC.COM



光幕截面图



光幕截面图

- A- 光点总高 = 光点数量 * 光轴间距
- B- 光轴间距：10mm/20mm/40mm
- C- 上端盖 材质工程塑料
- D- 专用光学透镜
- G- 状态指示灯组
- E- 下端盖 材质工程塑料
- F- 接插件
- H- 金属两端安装支架
- K- 外壳总高（参考型号总表）

产品参数：

对射距离	0-----6m 部分型号最远定制可达 15m	
光点总数	4-----128 点	
光点总高	120----2560mm 按型号分类，高度可定制	
光轴间距	10mm、20mm、40mm	
分辨率	20mm、30mm、50mm	
响应时间	4---66ms *1)	
同步方式	光同步	
安全类型	Type 4 (GB4584-2007, GB/T19436-1/2, IEC 61496-1/2)	
安全完整性	SIL3 (IEC 61508)	
	SILCL3 (EN 62061)	
安全类别	Category 4 (EN ISO 13849)	
性能等级	PL e (EN ISO 13849)	
电源电压	24VDC ± 15%	
消耗功率	≤ 5 W	
最大输出电流	200 mA	
安全输出	PNP × 2 / NPN × 2	
内部保护	电源极性保护 输出短路保护 输出过载保护	
防护等级	IP65 (EN 60529)	
工作温度	- 10 ° C ... +60 ° C	
储存温度	- 25 ° C ... +70 ° C	
环境湿度	15 % ... 95 %, Non-condensing	
抗震性能	3g, 10 Hz ... 55 Hz (IEC 60068-2-6)	

参数备注：

标注 1：响应时间与光点数量有关，计算公式为：TR=(0.5×N)+2ms，N 代表光点数

型号说明：

S100	/	40	/	14	/	P	N	J	/	A	/	□□□□工厂定制代码
												S100 系列智能安全光幕
												光轴间距
												10: 10mm
												20: 20mm
												40: 40mm
												光束总数，14 代表 14 束，以此类推
												P 代表升级版系列
												输出方式，P 代表双路 PNP 输出， N 代表双路 NPN 输出
												J 代表接插件型导线连接
												不注明为样式一外型
												注明 A 为样式二外型

PS：建议长度大于 1 米的光栅使用样式二外壳（加强型）

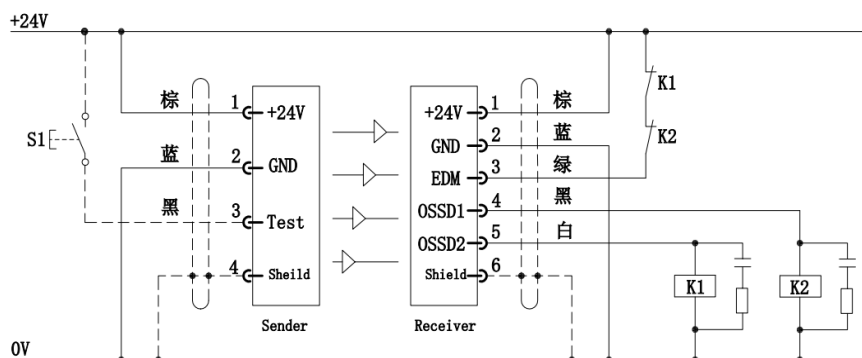
S100 紧凑型智能安全光幕

商品编码	光轴间距 10mm	光点总高 mm	外壳总高 mm	商品编码	光轴间距 10mm	光点总高 mm	外壳总高 mm
1210001	S100-1016-P □ J	160	224	1210016	S100-1076-P □ J	760	824
1210002	S100-1020-P □ J	200	264	1210017	S100-1080-P □ J	800	864
1210003	S100-1024-P □ J	240	304	1210018	S100-1084-P □ J	840	904
1210004	S100-1028-P □ J	280	344	1210019	S100-1088-P □ J	880	944
1210005	S100-1032-P □ J	320	384	1210020	S100-1092-P □ J	920	984
1210006	S100-1036-P □ J	360	424	1210021	S100-1096-P □ J	960	1024
1210007	S100-1040-P □ J	400	464	1210022	S100-10100-P □ J	1000	1064
1210008	S100-1044-P □ J	440	504	1210023	S100-10104-P □ J	1040	1104
1210009	S100-1048-P □ J	480	544	1210024	S100-10108-P □ J	1080	1144
1210010	S100-1052-P □ J	520	584	1210025	S100-10112-P □ J	1120	1184
1210011	S100-1056-P □ J	560	624	1210026	S100-10116-P □ J	1160	1224
1210012	S100-1060-P □ J	600	664	1210027	S100-10120-P □ J	1200	1264
1210013	S100-1064-P □ J	640	704	1210028	S100-10124-P □ J	1240	1304
1210014	S100-1068-P □ J	680	744	1210029	S100-10128-P □ J	1280	1344
1210015	S100-1072-P □ J	720	784				
商品编码	光轴间距 20mm	光点总高 mm	外壳总高 mm	商品编码	光轴间距 20mm	光点总高 mm	外壳总高 mm
1210031	S100-2008-P □ J	160	224	1210062	S100-2070-P □ J	1400	1464
1210032	S100-2010-P □ J	200	264	1210063	S100-2072-P □ J	1440	1504
1210033	S100-2012-P □ J	240	304	1210064	S100-2074-P □ J	1480	1544
1210034	S100-2014-P □ J	280	344	1210065	S100-2076-P □ J	1520	1584
1210035	S100-2016-P □ J	320	384	1210066	S100-2078-P □ J	1560	1624
1210036	S100-2018-P □ J	360	424	1210067	S100-2080-P □ J	1600	1664
1210037	S100-2020-P □ J	400	464	1210068	S100-2082-P □ J	1640	1704
1210038	S100-2022-P □ J	440	504	1210069	S100-2084-P □ J	1680	1744
1210039	S100-2024-P □ J	480	544	1210070	S100-2086-P □ J	1720	1784
1210040	S100-2026-P □ J	520	584	1210071	S100-2088-P □ J	1760	1824
1210041	S100-2028-P □ J	560	624	1210072	S100-2090-P □ J	1800	1864
1210042	S100-2030-P □ J	600	664	1210073	S100-2092-P □ J	1840	1904
1210043	S100-2032-P □ J	640	704	1210074	S100-2094-P □ J	1880	1944
1210044	S100-2034-P □ J	680	744	1210075	S100-2096-P □ J	1920	1984
1210045	S100-2036-P □ J	720	784	1210076	S100-2098-P □ J	1960	2024
1210046	S100-2038-P □ J	760	824	1210077	S100-20100-P □ J	2000	2064
1210047	S100-2040-P □ J	800	864	1210078	S100-20102-P □ J	2040	2104
1210048	S100-2042-P □ J	840	904	1210079	S100-20104-P □ J	2040	2144
1210049	S100-2044-P □ J	880	944	1210080	S100-20106-P □ J	2120	2184
1210050	S100-2046-P □ J	920	984	1210081	S100-20108-P □ J	2160	2224
1210051	S100-2048-P □ J	960	1024	1210082	S100-20110-P □ J	2200	2264
1210052	S100-2050-P □ J	1000	1064	1210083	S100-20112-P □ J	2240	2304
1210053	S100-2052-P □ J	1040	1104	1210084	S100-20114-P □ J	2280	2344
1210054	S100-2054-P □ J	1080	1144	1210085	S100-20116-P □ J	2320	2384
1210055	S100-2056-P □ J	1120	1184	1210086	S100-20118-P □ J	2360	2424
1210056	S100-2058-P □ J	1160	12244	1210087	S100-20120-P □ J	2400	2464
1210057	S100-2060-P □ J	1200	1264	1210088	S100-20122-P □ J	2440	2504
1210058	S100-2062-P □ J	1240	1304	1210089	S100-20124-P □ J	2480	2544
1210059	S100-2064-P □ J	1280	1344	1210090			
1210060	S100-2066-P □ J	1320	1384	1210091			
1210061	S100-2068-P □ J	1360	1424				
商品编码	光轴间距 40mm	光点总高 mm	外壳总高 mm	商品编码	光轴间距 40mm	光点总高 mm	外壳总高 mm
1210092	S100-4004-P □ J	160	224	1210107	S100-4034-P □ J	1360	1424
1210093	S100-4006-P □ J	240	304	1210108	S100-4036-P □ J	1440	1504
1210094	S100-4008-P □ J	320	384	1210109	S100-4038-P □ J	1520	1584
1210095	S100-4010-P □ J	400	464	1210110	S100-4040-P □ J	1600	1664
1210096	S100-4012-P □ J	480	544	1210111	S100-4042-P □ J	1680	1744
1210097	S100-4014-P □ J	560	624	1210112	S100-4044-P □ J	1760	1824
1210098	S100-4016-P □ J	640	704	1210113	S100-4046-P □ J	1840	1904
1210099	S100-4018-P □ J	720	784	1210114	S100-4048-P □ J	1920	1984
1210100	S100-4020-P □ J	800	864	1210115	S100-4050-P □ J	2000	2064
1210101	S100-4022-P □ J	880	944	1210116	S100-4052-P □ J	2080	2144
1210102	S100-4024-P □ J	960	1024	1210117	S100-4054-P □ J	2160	2224
1210103	S100-4026-P □ J	1040	1104	1210118	S100-4056-P □ J	2240	2304
1210104	S100-4028-P □ J	1120	1184	1210119	S100-4058-P □ J	2320	2384
1210105	S100-4030-P □ J	1200	1264	1210120	S100-4060-P □ J	2400	2464
1210106	S100-4032-P □ J	1280	1344	1210121	S100-4062-P □ J	2480	2544

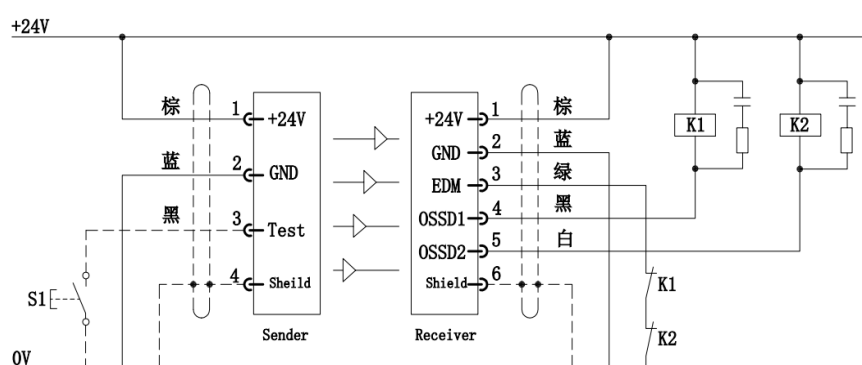
PS: 外壳高度不包括接插件, 接插件长度 35mm

接线方式:

S100-PPJ 接线图



S100-PNJ 接线图



PS: 如光幕因环境原因发生电磁干扰现象, 请采用绝缘的安装方式, 并将屏蔽线接 0V !



SDG20 智能测量光幕



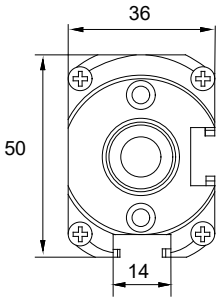
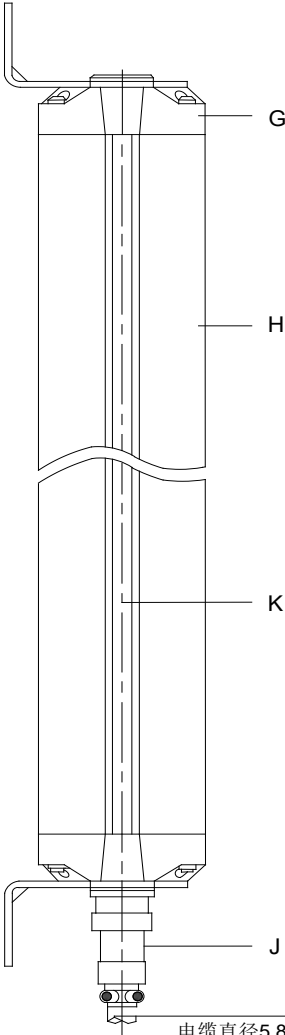
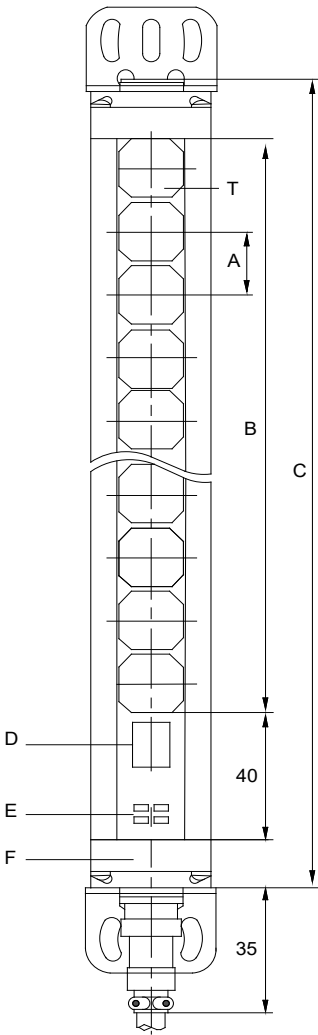
常规订购讯息：

产品组件	型号	产品订货号
测量光幕主体	SDG20-100320-FN	3110005
发射端导线接插件	SX3-1208-5M	7100014
接收端导线接插件	SX3-1208-5M	7100014
金属两端安装支架	SC-G-M	7200027

功能简述：

功能简述	功能实现	实现方式
对准指示	✓	实时
出错代码指示	✓	实时
RS485 通讯输出	✓	主动 / 被动可定制
平行光 / 交叉光	✓	可通过软件设定
双路辅助输出	✓	可通过软件设定

其他产品信息请至我司网站查询 WWW.SENSORC.COM



- A- 光轴间距 10mm/20mm/40mm
- B- 光点总高 = 光点数量 * 光轴间距
- C- 外壳总高 (具体值参考型号总表)
- D-A/D 数码管指示区域
- E- 状态指示灯组
- F- 下端盖 材质工程塑料
- G- 上端盖 材质工程塑料
- H- 光幕壳体 材质铝合金
- T- 专用光学透镜
- K- 安装长槽
- J- 接插件

电缆直径5.8mm,5C*0.3mm²

参数备注:

对射距离	0-----5m 部分型号最远定制可达 15m
光点总数	8-----128 点
光点总高	160---2400mm 按型号分类，高度可定制
光轴间距	10mm、 20mm、 40mm 可通过软件设定为交叉光
响应时间	3---33ms *1)
同步方式	线同步
符合标准	EN 61000-6-2:2005+AC:2005、 EN61000-6-4:2007+A1:2011
电源电压	24VDC ± 15%
消耗功率	≤ 5 W
最大输出电流	200 mA
通讯输出	RS485/modbus
辅助输出	PNP × 2 /NPN × 2 可选
内部保护	电源极性保护 输出短路保护 输出过载保护
防护等级	IP65 (EN 60529)
工作温度	- 10 ° C ... +60 ° C
储存温度	- 25 ° C ... +70 ° C
环境湿度	15 % ... 95 %, Non-condensing
抗震性能	5g, 10 Hz ... 55 Hz (IEC 60068-2-6)

标注 1: 响应时间与光点数量有关, 计算公式为: $TR=(0.25 \times N)+1ms$, N 代表光点数

型号说明:

SDG20	/	10		1360	/	F		P	/	□□□□工厂定制代码
										SDG20 系列测量光幕
										光轴间距
										10: 10mm
										20: 20mm
										40: 40mm
										光点总高度
										F: RS485 输出自由协议
										M: RS485modbus RTU
										P 为 PNP 输出, N 为 NPN 输出

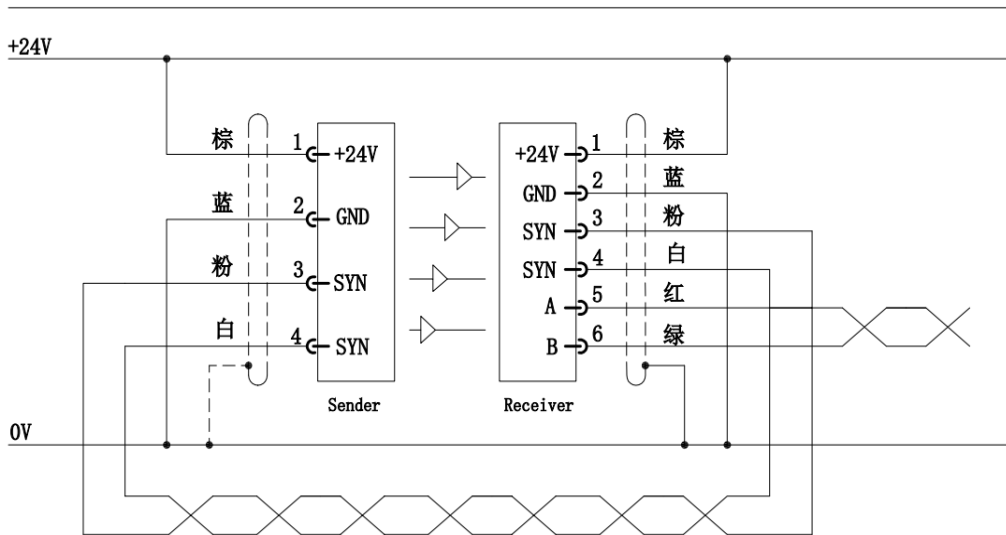
SDG20 智能测量光幕

商品编码	光轴间距 10mm	光点总高 mm	外壳总高 mm	商品编码	光轴间距 10mm	光点总高 mm	外壳总高 mm
3110001	SDG20-100160-F □	160	234	3110016	SDG20-100760-F □	760	834
3110002	SDG20-100200-F □	200	274	3110017	SDG20-100800-F □	800	874
3110003	SDG20-100240-F □	240	314	3110018	SDG20-100840-F □	840	914
3110004	SDG20-100280-F □	280	354	3110019	SDG20-100880-F □	880	954
3110005	SDG20-100320-F □	320	394	3110020	SDG20-100920-F □	920	994
3110006	SDG20-100360-F □	360	434	3110021	SDG20-100960-F □	960	1034
3110007	SDG20-100400-F □	400	474	3110022	SDG20-101000-F □	1000	1074
3110008	SDG20-100440-F □	440	514	3110023	SDG20-101040-F □	1040	1114
3110009	SDG20-100480-F □	480	554	3110024	SDG20-101080-F □	1080	1154
3110010	SDG20-100520-F □	520	594	3110025	SDG20-101120-F □	1120	1194
3110011	SDG20-100560-F □	560	634	3110026	SDG20-101160-F □	1160	1234
3110012	SDG20-100600-F □	600	674	3110027	SDG20-101200-F □	1200	1274
3110013	SDG20-100640-F □	640	714	3110028	SDG20-101240-F □	1240	1314
3110014	SDG20-100680-F □	680	754	3110029	SDG20-101280-F □	1280	1354
3110015	SDG20-100720-F □	720	794				
商品编码	光轴间距 20mm	光点总高 mm	外壳总高 mm	商品编码	光轴间距 20mm	光点总高 mm	外壳总高 mm
3110030	SDG20-200320-F □	320	394	3110057	SDG20-201400-F □	1400	1474
3110031	SDG20-200360-F □	360	434	3110058	SDG20-201440-F □	1440	1514
3110032	SDG20-200400-F □	400	474	3110059	SDG20-201480-F □	1480	1554
3110033	SDG20-200440-F □	440	514	3110060	SDG20-201520-F □	1520	1594
3110034	SDG20-200480-F □	480	554	3110061	SDG20-201560-F □	1560	1634
3110035	SDG20-200520-F □	520	594	3110062	SDG20-201600-F □	1600	1674
3110036	SDG20-200560-F □	560	634	3110063	SDG20-201640-F □	1640	1714
3110037	SDG20-200600-F □	600	674	3110064	SDG20-201680-F □	1680	1754
3110038	SDG20-200640-F □	640	714	3110065	SDG20-201720-F □	1720	1794
3110039	SDG20-200680-F □	680	754	3110066	SDG20-201760-F □	1760	1834
3110040	SDG20-200720-F □	720	794	3110067	SDG20-201800-F □	1800	1874
3110041	SDG20-200760-F □	760	834	3110068	SDG20-201840-F □	1840	1914
3110042	SDG20-200800-F □	800	874	3110069	SDG20-201880-F □	1880	1954
3110043	SDG20-200840-F □	840	914	3110070	SDG20-201920-F □	1920	1994
3110044	SDG20-200880-F □	880	954	3110071	SDG20-201960-F □	1960	2034
3110045	SDG20-200920-F □	920	994	3110072	SDG20-202000-F □	2000	2074
3110046	SDG20-200960-F □	960	1034	3110073	SDG20-202040-F □	2040	2114
3110047	SDG20-201000-F □	1000	1074	3110074	SDG20-202080-F □	2080	2154
3110048	SDG20-201040-F □	1040	1114	3110075	SDG20-202120-F □	2120	2194
3110049	SDG20-201080-F □	1080	1154	3110076	SDG20-202160-F □	2160	2234
3110050	SDG20-201120-F □	1120	1194	3110077	SDG20-202200-F □	2200	2274
3110051	SDG20-201160-F □	1160	1234	3110078	SDG20-202240-F □	2240	2314
3110052	SDG20-201200-F □	1200	1274	3110079	SDG20-202280-F □	2280	2354
3110053	SDG20-201240-F □	1240	1314	3110080	SDG20-202320-F □	2320	2394
3110054	SDG20-201280-F □	1280	1354	3110081	SDG20-202360-F □	2360	2434
3110055	SDG20-201320-F □	1320	1394	3110082	SDG20-202400-F □	2400	2474
3110056	SDG20-201360-F □	1360	1434				
商品编码	光轴间距 40mm	光点总高 mm	外壳总高 mm	商品编码	光轴间距 40mm	光点总高 mm	外壳总高 mm
3110087	SDG20-400320-F □	320	394	3110101	SDG20-401440-F □	1440	1514
3110088	SDG20-400400-F □	400	474	3110102	SDG20-401520-F □	1520	1594
3110089	SDG20-400480-F □	480	554	3110103	SDG20-401600-F □	1600	1674
3110090	SDG20-400560-F □	560	634	3110104	SDG20-401680-F □	1680	1754
3110091	SDG20-400640-F □	640	714	3110105	SDG20-401760-F □	1760	1834
3110092	SDG20-400720-F □	720	794	3110106	SDG20-401840-F □	1840	1914
3110093	SDG20-400800-F □	800	874	3110107	SDG20-401920-F □	1920	1994
3110094	SDG20-400880-F □	880	954	3110108	SDG20-402000-F □	2000	2074
3110095	SDG20-400960-F □	960	1034	3110109	SDG20-402080-F □	2080	2154
3110096	SDG20-401040-F □	1040	1114	3110110	SDG20-402160-F □	2160	2234
3110097	SDG20-401120-F □	1120	1194	3110111	SDG20-402240-F □	2240	2314
3110098	SDG20-401200-F □	1200	1274	3110112	SDG20-402320-F □	2320	2394
3110099	SDG20-401280-F □	1280	1354	3110113	SDG20-402400-F □	2400	2474
3110100	SDG20-401360-F □	1360	1434				

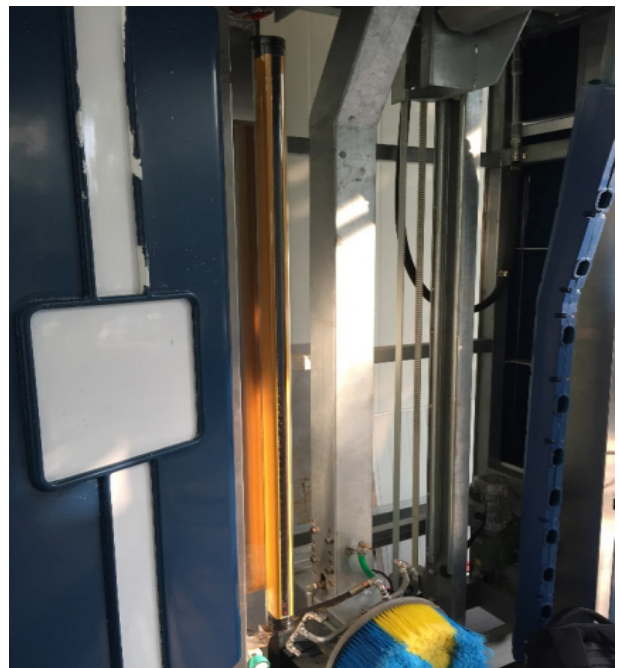
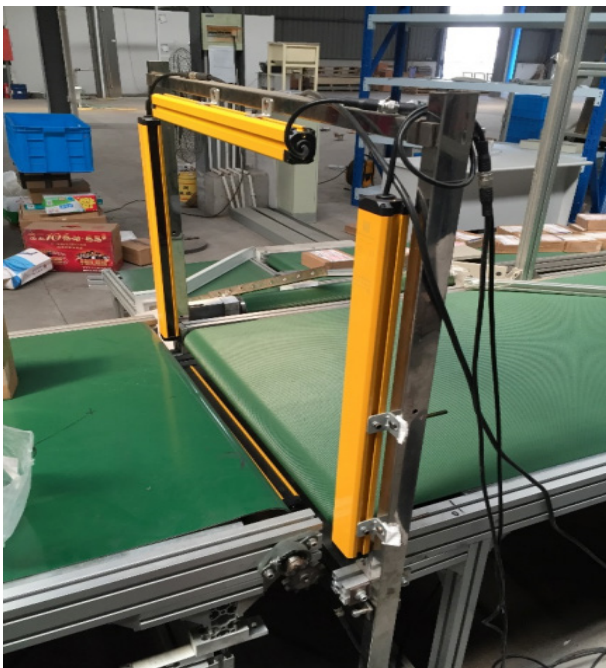
PS: 外壳高度不包括接插件，接插件长度 35mm

接线方式：

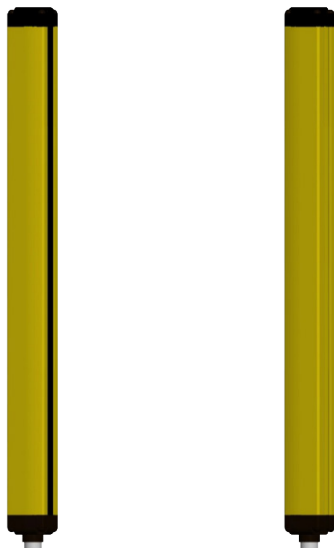
SDG20 接线图



PS：如光幕因环境原因发生电磁干扰现象，请采用绝缘的安装方式，并将屏蔽线接 0V！



SEG20 泛用型光幕传感器



常规订购讯息：

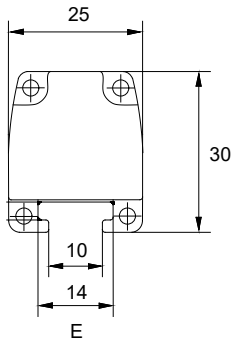
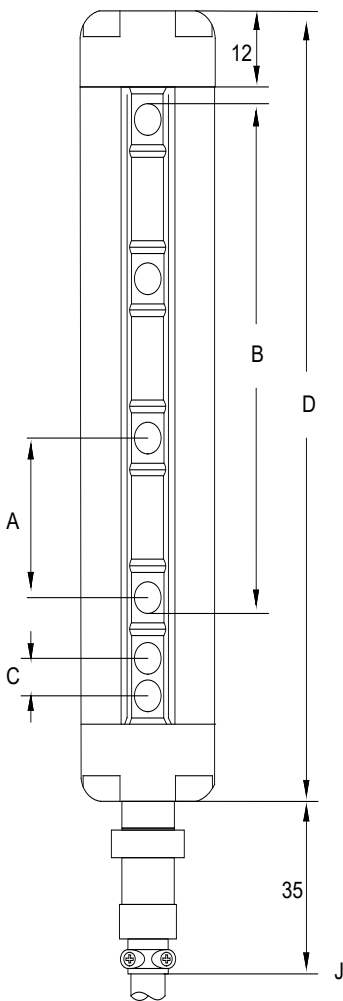
产品组件	型号	产品订货号
光幕主体	SEG20-4014N-LO-3-Y	2110046
发射端导线接插件	SX1-1203-3M	7100003
接收端导线接插件	SX1-1204-3M	7100004
安装滑片	SC-G-H	7200020
L 型支架	SC-G-L-SL	7200023

功能简述：

功能简述	功能实现	实现方式
对准指示	√	绿灯常亮指示
临界状态指示	√	绿灯慢速闪烁指示
内部故障报警	√	红灯慢速闪烁
输出短路指示	√	LO 状态下绿灯快速闪烁指示 DO 状态下红灯快速闪烁指示
适用对射距离调校 1*)	√	可定制范围 0.3---5m

1*) 请尽量参考实际工作距离，选取合适的对射距离参数订购该系列光幕

其他产品信息请至我司网站查询 WWW.SENSORC.COM



- A- 光轴间距：25mm/40mm
- B- 光点总高 = (光点数量 -1) * 光轴间距
- C- 指示灯
- D- 外壳长度 参考型号总表
- E- 安装长槽
- J- 接插件

产品参数：

对射距离	0-----3m 对射距离可定制
光点总数	2-----60 点
光点总高	80---2160mm 按型号分类，高度可定制
光轴间距	20mm、 25mm、 40mm
响应时间	3---32ms *1)
同步方式	光同步
安全类型	B 级 GB/T19436-1/2, IEC 61496-1/2
电源电压	24VDC±15%
消耗功率	≤ 5 W
最大输出电流	100 mA
动作模式	LO/DO 订货可选
输出方式	PNP /NPN 订货可选
安装方式	标准背槽绝缘块安装方式 / 定制两端金属支架安装方式 订货可选
内部保护	电源极性保护 输出短路保护 输出过载保护
防护等级	IP65 (EN 60529)
工作温度	- 10 ° C ... +60 ° C
储存温度	- 25 ° C ... +70 ° C
环境湿度	15 % ... 95 %, Non-condensing
抗震性能	3g, 10 Hz ... 55 Hz (IEC 60068-2-6)

参数备注：

标注 1：响应时间与光点数量有关，计算公式为：TR=(0.5×N)+2ms，N 代表光点数

型号说明：

SEG20	/	25	12	L	N	/	LO	/	3	/	Y	X	/	T	/	□□□□工厂定制代码
																SEG20 泛用型光幕
																光轴间距
																20: 20mm
																25: 25mm
																40: 40mm
																光点数
																L: 大外壳代码
																输出方式: P 代表 PNP 输出 N 代表 NPN 输出
																LO 为亮通 /DO 为暗通
																工作距离 0.5~5 米均可定制
																外壳颜色: Y 为黄色, S 为银色
																交叉光, 不带 X 为平行光
																T: 引出式接插件, 标准线长 0.3 米。 Tm/n 代表直接出线线长 (米) , 两端安装代码。M 发射线长, N 接收线长。

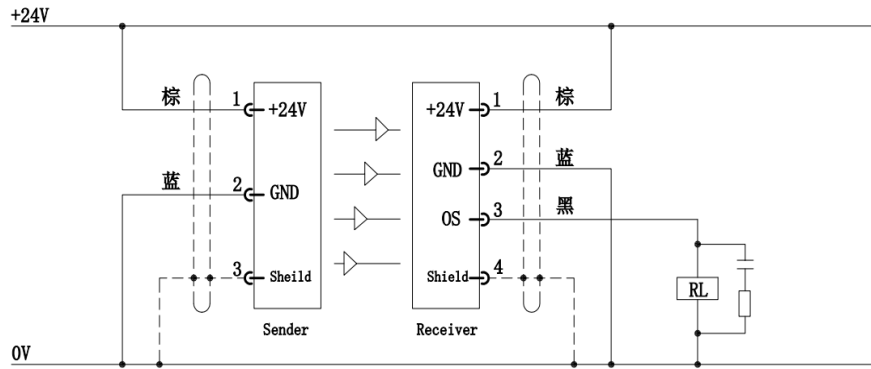
SEG20 泛用型光幕传感器

商品编码	光轴间距 20mm	光点数	有效检测 mm	外壳总高 mm	商品编码	光轴间距 25mm	光点数	有效检测 mm	外壳总高 mm
2110616	SEG20□-2006□-□□-□-□	6	120	144	2110001	SEG20□-2504□-□□-□-□	4	100	124
2110617	SEG20□-2008□-□□-□-□	8	160	184	2110002	SEG20□-2506□-□□-□-□	6	150	174
2110618	SEG20□-2010□-□□-□-□	10	200	224	2110003	SEG20□-2508□-□□-□-□	8	200	224
2110619	SEG20□-2012□-□□-□-□	12	240	264	2110004	SEG20□-2510□-□□-□-□	10	250	274
2110620	SEG20□-2014□-□□-□-□	14	280	304	2110005	SEG20□-2512□-□□-□-□	12	300	324
2110621	SEG20□-2016□-□□-□-□	16	320	344	2110006	SEG20□-2514□-□□-□-□	14	350	374
2110622	SEG20□-2018□-□□-□-□	18	360	384	2110007	SEG20□-2516□-□□-□-□	16	400	424
2110623	SEG20□-2020□-□□-□-□	20	400	424	2110008	SEG20□-2518□-□□-□-□	18	450	474
2110624	SEG20□-2022□-□□-□-□	22	440	464	2110009	SEG20□-2520□-□□-□-□	20	500	524
2110625	SEG20□-2024□-□□-□-□	24	480	504	2110010	SEG20□-2522□-□□-□-□	22	550	574
2110626	SEG20□-2026□-□□-□-□	26	520	544	2110011	SEG20□-2524□-□□-□-□	24	600	624
2110627	SEG20□-2028□-□□-□-□	28	560	584	2110012	SEG20□-2526□-□□-□-□	26	650	674
2110628	SEG20□-2030□-□□-□-□	30	600	624	2110013	SEG20□-2528□-□□-□-□	28	700	724
2110629	SEG20□-2032□-□□-□-□	32	640	664	2110014	SEG20□-2530□-□□-□-□	30	750	774
2110630	SEG20□-2034□-□□-□-□	34	680	704	2110015	SEG20□-2532□-□□-□-□	32	800	824
2110631	SEG20□-2036□-□□-□-□	36	720	744	2110016	SEG20□-2534□-□□-□-□	34	850	874
2110632	SEG20□-2038□-□□-□-□	38	760	784	2110017	SEG20□-2536□-□□-□-□	36	900	924
2110633	SEG20□-2040□-□□-□-□	40	800	824	2110018	SEG20□-2538□-□□-□-□	38	950	974
2110634	SEG20□-2042□-□□-□-□	42	840	864	2110019	SEG20□-2540□-□□-□-□	40	1000	1024
2110635	SEG20□-2044□-□□-□-□	44	880	904	2110020	SEG20□-2542□-□□-□-□	42	1050	1074
2110636	SEG20□-2046□-□□-□-□	46	920	944	2110021	SEG20□-2544□-□□-□-□	44	1100	1124
2110637	SEG20□-2048□-□□-□-□	48	960	984	2110022	SEG20□-2546□-□□-□-□	46	1150	1174
2110638	SEG20□-2050□-□□-□-□	50	1000	1024	2110023	SEG20□-2548□-□□-□-□	48	1200	1224
2110639	SEG20□-2052□-□□-□-□	52	1040	1064	2110024	SEG20□-2550□-□□-□-□	50	1250	1274
2110640	SEG20□-2054□-□□-□-□	54	1080	1104	2110025	SEG20□-2552□-□□-□-□	52	1300	1324
2110641	SEG20□-2056□-□□-□-□	56	1120	1144	2110026	SEG20□-2554□-□□-□-□	54	1350	1374
2110642	SEG20□-2058□-□□-□-□	58	1160	1184	2110027	SEG20□-2556□-□□-□-□	56	1400	1424
2110643	SEG20□-2060□-□□-□-□	60	1200	1224	2110028	SEG20□-2558□-□□-□-□	58	1450	1474
2110644	SEG20□-2062□-□□-□-□	62	1240	1264	2110029	SEG20□-2560□-□□-□-□	60	1500	1524
2110645	SEG20□-2064□-□□-□-□	64	1280	1304	2110030				
商品编码	光轴间距 40mm	光点数	光电总高 mm	外壳总高 mm	商品编码	光轴间距 40mm	光点数	光电总高 mm	外壳总高 mm
2110040	SEG20□-4002□-□□-□-□	2	80	104	2110054	SEG20□-4030□-□□-□-□	30	1200	1224
2110041	SEG20□-4004□-□□-□-□	4	160	184	2110055	SEG20□-4032□-□□-□-□	32	1280	1304
2110042	SEG20□-4006□-□□-□-□	6	240	264	2110056	SEG20□-4034□-□□-□-□	34	1360	1384
2110043	SEG20□-4008□-□□-□-□	8	320	344	2110057	SEG20□-4036□-□□-□-□	36	1440	1464
2110044	SEG20□-4010□-□□-□-□	10	400	424	2110058	SEG20□-4038□-□□-□-□	38	1520	1544
2110045	SEG20□-4012□-□□-□-□	12	480	504	2110059	SEG20□-4040□-□□-□-□	40	1600	1624
2110046	SEG20□-4014□-□□-□-□	14	560	584	2110060	SEG20□-4042□-□□-□-□	42	1680	1704
2110047	SEG20□-4016□-□□-□-□	16	640	664	2110061	SEG20□-4044□-□□-□-□	44	1760	1784
2110048	SEG20□-4018□-□□-□-□	18	720	744	2110062	SEG20□-4046□-□□-□-□	46	1840	1864
2110049	SEG20□-4020□-□□-□-□	20	800	824	2110063	SEG20□-4048□-□□-□-□	48	1920	1944
2110050	SEG20□-4022□-□□-□-□	22	880	904	2110064	SEG20□-4050□-□□-□-□	50	2000	2024
2110051	SEG20□-4024□-□□-□-□	24	960	984	2110065	SEG20□-4052□-□□-□-□	52	2080	2104
2110052	SEG20□-4026□-□□-□-□	26	1040	1064	2110066	SEG20□-4054□-□□-□-□	54	2160	2184
2110053	SEG20□-4028□-□□-□-□	28	1120	1144					

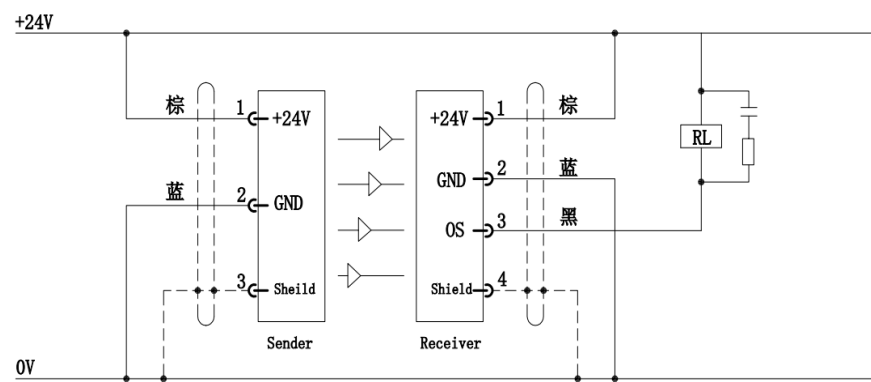
PS: 外壳高度不包括接插件, 接插件长度 35mm

接线方式:

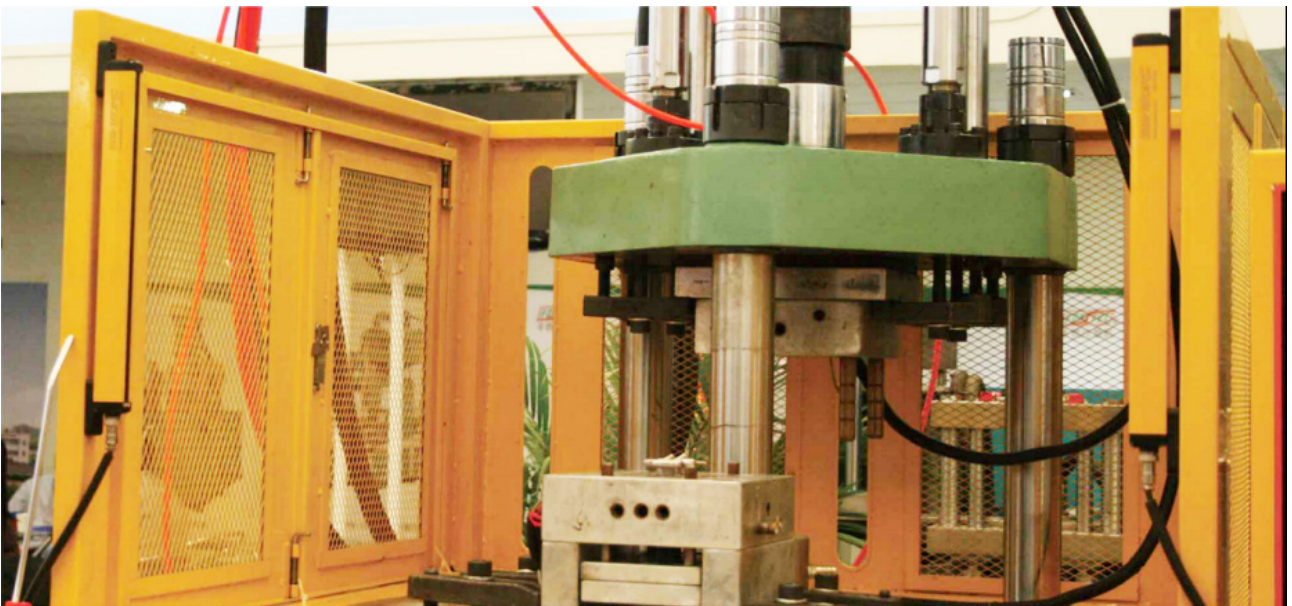
SEG20-PJ 接线图



SEG20-NJ 接线图

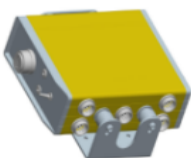


PS: 如光幕因环境原因发生电磁干扰现象, 请采用绝缘的安装方式, 并将屏蔽线接 0V !

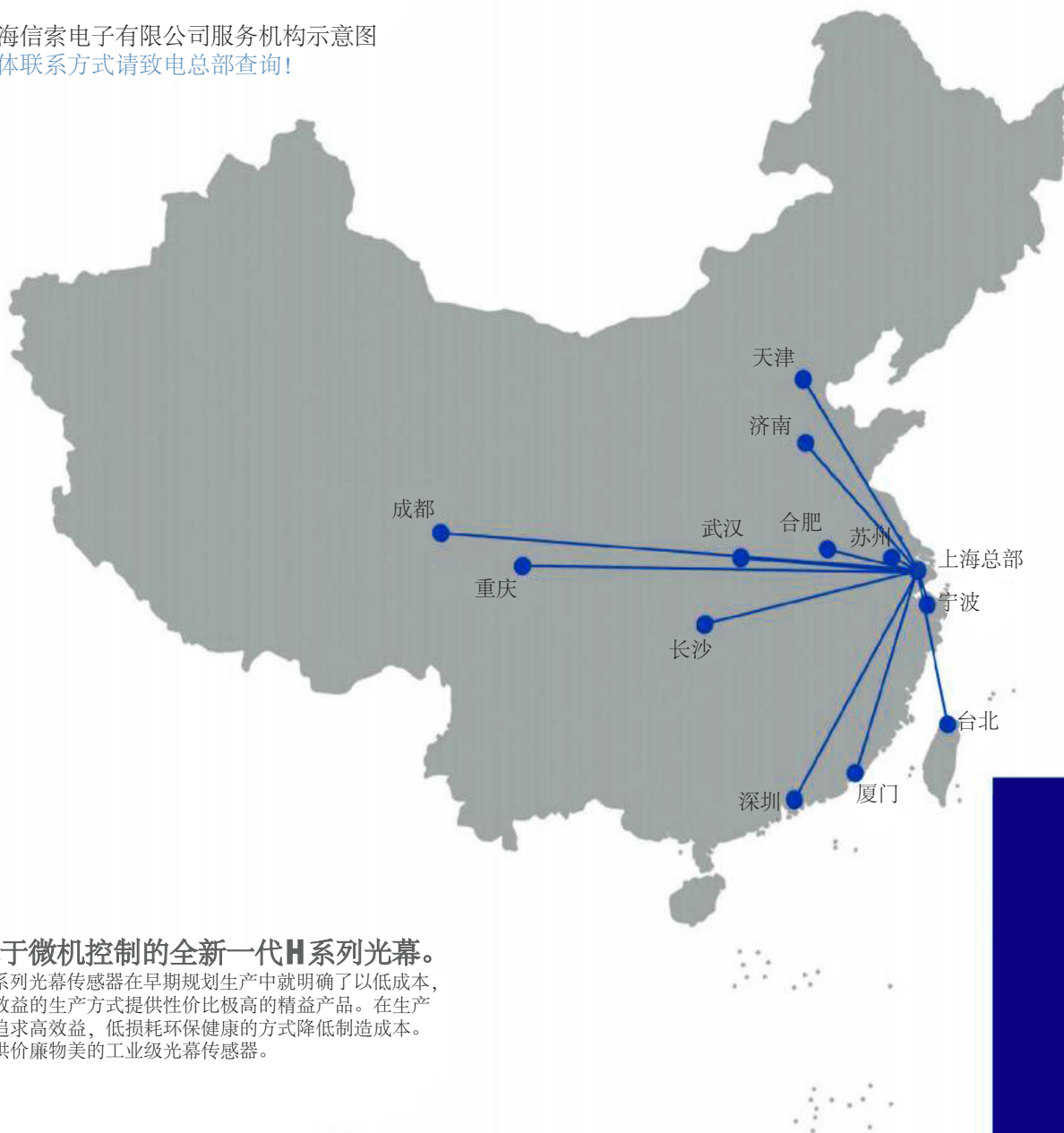


SENSORC 安装附件介绍

产品编码	附件型号	应用介绍	适用型号	图示
7200020	SC-G-H	标准 滑块套装	除 S100 S200外 全系列可 用	
7200023	SC-G-L-SL	SEG20 L型安装支架	SEG20 P100 SSG20 V1000	
7200025	SC-G-I	SEG20 I型安装支架	SEG20 P100	
7200027	SC-G-M	金属两端安装支架	SSG20 SBG20 V1000 SDG20	
7200028	SC-G-N	金属两端安装支架	S100 S200 M5	
7200029	SC-G-T	SEG20T光栅的配套支架	SEG20T	
7200034	SC-G-LD	落地安装支架 组合	SBG20 SSG20 V1000	
73000□	SF10-□□□□□ 按配套光幕型号	折角反光镜	SBG20 SSG20 V1000	
7200038	SC-H1-高度	SSG20透明防护罩/含2头端盖	SSG20 SBG20 SDG20	
7200039	SC-H2-高度	S100透明防护罩/含2头端盖	S100	
7200040	SC-H3-高度	S200透明防护罩/含2头端盖	S200 S100pro	

产品编码	附件型号	应用介绍	适用型号	图示
7200045	SC-G-DS-700	V1000专用避震支架套装 钢管700MM直径27MM (光幕光点总高400mm以下)	V1000	
7200048	SC-G-V	V1000专用避震安装夹具	V1000 支架 专用	
7200046	SC-G-DS-900	V1000专用避震支架套装 钢管900MM直径27MM (光幕光点总高640mm以下)	V1000	
7200047	SC-G-BZ-27	避震夹箍直径27MM	V1000 支架 专用	
720005□	SC-H-V-□□□-Y 按配套光幕型号	V1000专用铝合金防护罩	V1000专用	
6100006	SSGD20-33M	220VAC内置式三号塑壳带换模 开关	SSG20 V1000 S100 S200 SBG20	
6200001	VD32	标准型外挂金属材质控制器自动 复位单控	V1000	
6200002	F-120	高度可选，参考上方资料	V1000	

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