FlexChain

The flexible and efficient detection system in one chain

SWITCHING AUTOMATION LIGHT GRIDS

SICK
Sensor Intelligence.

Advantages

Simple installation and implementation save time and money

Cascading the individual sensors saves on cabling and makes it easier to integrate them into the existing system. The sensor system is available with different pigtails. Even with complex arrangements, there is therefore no need to spend money on additional connections. FlexChain is remarkably quick to implement, as the entire system works as one unit without any complex wiring in the control unit.

More efficient integration

Cost-effective: The sensor comes with an integrated pigtail. There is no need for additional cables.
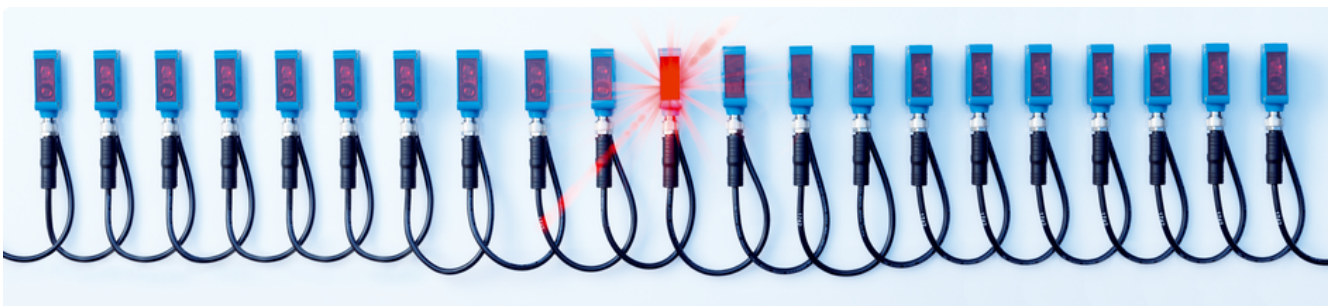

Minimal effort: Cascading makes cabling much easier compared against point-to-point connections.

Instant on: The FlexChain host detects all sensors automatically. Data transmission starts at the touch of a button.

Installation and implementation of FlexChain is remarkably simple. Automatic sensor detection and cascaded cabling also save time and money during system integration.
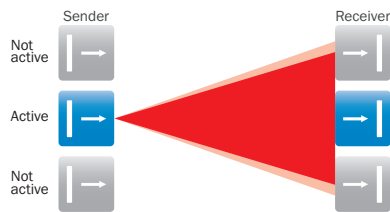

Greater flexibility with optimum measurement certainty

The light grid technology with sequential cycling prevents the signals of the individual sensors from overlapping. There is therefore no chance of obtaining incorrect measurement data. This means that narrow arrangements can be implemented

without a rigid light grid, allowing them to be better adapted to the individual conditions of the system. In addition, the sensor technology can be freely selected based on requirements. As a result, FlexChain increases the ruggedness and flexibility of the application.
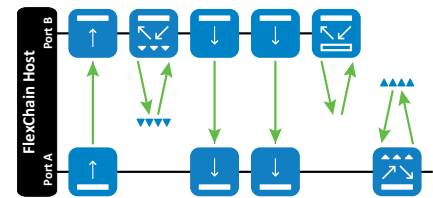
More flexible positioning

Optimum measurement certainty: Sequential cycling prevents the signals from overlapping

Freely positionable thanks to individual length of cables: Compared to conventional light grids, the beams can be positioned wherever they are needed.

FlexChain, the individual light grid: Whether through-beam photoelectric sensors, photoelectric retro-reflective sensors or photoelectric proximity sensors – the sensor technology can be freely selected and combined.

➕ FlexChain can be flexibly adapted to the application on a case-by-case basis. The system delivers reliable results no matter which sensor arrangement or sensor technology is used.

Full transparency for system and sensor data

FlexChain also offers full flexibility for sensor data. These are either forwarded directly to the controller or evaluated with ease in the system itself. What's more, FlexChain offers extensive diagnostic options: Parameters such as sensor information, contamination level, and communication status can be viewed at any time. This enables errors, failures and downtimes to be effectively prevented thanks to early recognition of problems.

Intelligent functionality

Intuitive operation: Define zones, configure logic, and monitor the sensors with ease using the SOPAS software tool – convenient connection of the FlexChain host via USB

INDUSTRY 4.0 READY

IO-Link   HI-SPEED CERTIFIED USB

CANopen   RS-485

Numerous interfaces: Whether IO-Link, CANopen, RS-485 or configurable switching outputs – integration into virtually any system is possible.

high process reliability: Diagnostic parameters from the sensors and system are available at any time to prevent downtimes or measurement errors

+ Whether it is flexible data transmission, the ability to work with various interfaces, or real-time diagnostics that you need – FlexChain can be conveniently and reliably integrated into virtually any environment

Technical data overview

Version	FlexChain Host / FlexChain Guest (depending on type)
Communication interface	IO-Link (V1.1) Serial (RS-485) CANopen (depending on type)
Sensor principle FlexChain	Photoelectric proximity sensor Photoelectric retro-reflective sensor Through-beam photoelectric sensor Light grid system (depending on type)
Operating range	0.25 m ... 15 m (depending on type)
Length of cable	0.15 m ... 1.5 m (depending on type)

Product description

The FlexChain is a flexibly configurable light grid thanks to the sequential connection of several sensors. There is no need for long connection cables or complex wiring. By pressing a button on the FlexChain Host, the sensors can be addressed and taught-in automatically, meaning the system is immediately ready for use. Different sensor technologies can be combined and freely arranged: Through-beam photoelectric sensors, photoelectric sensors. The raw sensor data is evaluated via the FlexChain Host with integrated logic modules or forwarded directly via IO-Link, CANopen, RS-485 or I/O signals. Detailed diagnostic information ensures optimum process stability and measurement certainty during operation.

At a glance

- Ultra-simple wiring for up to 60 sensors
- Sequential cycling prevents mutual interference
- Free arrangement of various sensor technologies
- Sensors available in different lengths of cable
- Sensor data evaluation in the system or direct transmission of raw data
- Process stability thanks to diagnostic function

Your benefits

- Flexibly expandable light grid system: Up to 60 sensors can be cascaded and controlled centrally via the FlexChain host
- Ready for operation immediately: The sensors are identified and taught in at the push of a button
- Optimum measurement certainty thanks to sequential sensor cycling without mutual interference
- Highly flexible positioning of through-beam photoelectric sensors, photoelectric retro-reflective sensors, photoelectric proximity sensors and light grids at any distance or in any position
- High process stability thanks to extensive diagnostic function
- High flexibility due to logic configuration in the host and the IO-Link, CANopen and RS-485 interface variants

Fields of application

- Storage and conveyor
- Access control
- Protrusion monitoring as well as object and rough height classification
- Leading edge detection and rough width classification

FlexChain
SWITCHING AUTOMATION LIGHT GRIDS

Ordering information

Other models and accessories ➜ www.sick.com/FlexChain

- **Device version:** FlexChain Host

Communication Interface detail	Inputs/outputs	Type	Part no.
IO-Link (V1.1)	2 x I/O + 1 x Q (IO-Link)	FC1A-AZ2A1A	1091608
	5 x I/O + 1 x Q (IO-Link)	FC1A-BZ2A1A	1091609
IO-Link (V1.1), CANopen	CANopen + 1 x I/O + 1 x Q (IO-Link)	FC1A-DZ2A1A	1091611
IO-Link (V1.1), Serial (RS-485)	RS-485 + 1 x I/O + 1 x Q (IO-Link)	FC1A-CZ2A1A	1091610

- **Device version:** FlexChain Guest
- **Sensor principle FlexChain:** Photoelectric proximity sensor

Operating range	Length of cable	Type	Part no.
0.25 m	0.15 m	GTB6-CC011K00	1098784
	0.5 m	GTB6-CA011K00	1091601
	1.5 m	GTB6-CB011K00	1092299

- **Device version:** FlexChain Guest
- **Sensor principle FlexChain:** Photoelectric retro-reflective sensor

Operating range	Length of cable	Type	Part no.
6 m	0.15 m	GL6-CC011K00	1098785
	0.5 m	GL6-CA011K00	1091602
	1.5 m	GL6-CB011K00	1091603

- **Device version:** FlexChain Guest
- **Sensor principle FlexChain:** Through-beam photoelectric sensor

Operating range	Length of cable	Type	Part no.
15 m	0.15 m	GSE6-CC021K00	1098786
		GSE6-CC021K01	1103772
	0.5 m	GSE6-CA021K00	1091605
	1.5 m	GSE6-CB021K00	1091604

- **Device version:** FlexChain Guest
- **Sensor principle FlexChain:** light grid system
- **Beam separation:** 10 mm

Operating range	Optical light exit	Detection height	Length of cable	Type	Part no.
4 m	Flat	100 mm	0.5 m	SLG10S-010FAKA1K01	1106228
			1.5 m	SLG10S-010FAKB1K01	1107953
		200 mm	0.5 m	SLG10S-020FAKA1K01	1222990
			1.5 m	SLG10S-020FAKB1K01	1107954
		300 mm	0.5 m	SLG10S-030FAKA1K01	1107793
			1.5 m	SLG10S-030FAKB1K01	1107960
		400 mm	0.5 m	SLG10S-040FAKA1K01	1107796
			1.5 m	SLG10S-040FAKB1K01	1107972
		500 mm	0.5 m	SLG10S-050FAKA1K01	1107824
			1.5 m	SLG10S-050FAKB1K01	1107973
		600 mm	0.5 m	SLG10S-060FAKA1K01	1107825
			1.5 m	SLG10S-060FAKB1K01	1107985
		700 mm	0.5 m	SLG10S-070FAKA1K01	1107826
			1.5 m	SLG10S-070FAKB1K01	1107986
		800 mm	0.5 m	SLG10S-080FAKA1K01	1222957
			1.5 m	SLG10S-080FAKB1K01	1107987
		1,000 mm	0.5 m	SLG10S-100FAKA1K01	1107827
			1.5 m	SLG10S-100FAKB1K01	1107988
		1,200 mm	0.5 m	SLG10S-120FAKA1K01	1107828
4 m	Flat	1,200 mm	1.5 m	SLG10S-120FAKB1K01	1107989
		1,400 mm	0.5 m	SLG10S-140FAKA1K01	1107829
			1.5 m	SLG10S-140FAKB1K01	1107990
	Slim	100 mm	0.5 m	SLG10S-010SAKA1K01	1222987

Operating range	Optical light exit	Detection height	Length of cable	Type	Part no.
			1.5 m	SLG10S-010SAKB1K01	1107822
		200 mm	0.5 m	SLG10S-020SAKA1K01	1107637
			1.5 m	SLG10S-020SAKB1K01	1107823
		300 mm	0.5 m	SLG10S-030SAKA1K01	1107003
			1.5 m	SLG10S-030SAKB1K01	1107840
		400 mm	0.5 m	SLG10S-040SAKA1K01	1107789
			1.5 m	SLG10S-040SAKB1K01	1107841
		500 mm	0.5 m	SLG10S-050SAKA1K01	1107790
			1.5 m	SLG10S-050SAKB1K01	1107842
		600 mm	0.5 m	SLG10S-060SAKA1K01	1107791
			1.5 m	SLG10S-060SAKB1K01	1107843
		700 mm	0.5 m	SLG10S-070SAKA1K01	1107792
			1.5 m	SLG10S-070SAKB1K01	1107756
		800 mm	0.5 m	SLG10S-080SAKA1K01	1106335
			1.5 m	SLG10S-080SAKB1K01	1107844
		1,000 mm	0.5 m	SLG10S-100SAKA1K01	1105224
			1.5 m	SLG10S-100SAKB1K01	1107851
		1,200 mm	0.5 m	SLG10S-120SAKA1K01	1107794
			1.5 m	SLG10S-120SAKB1K01	1107852
		1,400 mm	0.5 m	SLG10S-140SAKA1K01	1105786
			1.5 m	SLG10S-140SAKB1K01	1107853

Operating range	Optical light exit	Detection height	Length of cable	Type	Part no.
7 m	Flat	100 mm	0.5 m	SLG10S-010FBKA1K01	1107905
			1.5 m	SLG10S-010FBKB1K01	1108075
		200 mm	0.5 m	SLG10S-020FBKA1K01	1107906
			1.5 m	SLG10S-020FBKB1K01	1108076
		300 mm	0.5 m	SLG10S-030FBKA1K01	1107961
			1.5 m	SLG10S-030FBKB1K01	1108077
		400 mm	0.5 m	SLG10S-040FBKA1K01	1107962
			1.5 m	SLG10S-040FBKB1K01	1108078
		500 mm	0.5 m	SLG10S-050FBKA1K01	1107975
			1.5 m	SLG10S-050FBKB1K01	1108026
		600 mm	0.5 m	SLG10S-060FBKA1K01	1107976
			1.5 m	SLG10S-060FBKB1K01	1108027
		700 mm	0.5 m	SLG10S-070FBKA1K01	1108010
			1.5 m	SLG10S-070FBKB1K01	1108050
		800 mm	0.5 m	SLG10S-080FBKA1K01	1108016
			1.5 m	SLG10S-080FBKB1K01	1108051
		1,000 mm	0.5 m	SLG10S-100FBKA1K01	1108017
			1.5 m	SLG10S-100FBKB1K01	1108079
		1,200 mm	0.5 m	SLG10S-120FBKA1K01	1108018
7 m	Flat	1,200 mm	1.5 m	SLG10S-120FBKB1K01	1108081
		1,400 mm	0.5 m	SLG10S-140FBKA1K01	1108019
			1.5 m	SLG10S-140FBKB1K01	1108029
	Slim	100 mm	0.5 m	SLG10S-010SBKA1K01	1107861
			1.5 m	SLG10S-010SBKB1K01	1107974

Operating range	Optical light exit	Detection height	Length of cable	Type	Part no.
		200 mm	0.5 m	SLG10S-020SBKA1K01	1107888
			1.5 m	SLG10S-020SBKB1K01	1108011
		300 mm	0.5 m	SLG10S-030SBKA1K01	1107889
			1.5 m	SLG10S-030SBKB1K01	1108012
		400 mm	0.5 m	SLG10S-040SBKA1K01	1107903
			1.5 m	SLG10S-040SBKB1K01	1108020
		500 mm	0.5 m	SLG10S-050SBKA1K01	1107904
			1.5 m	SLG10S-050SBKB1K01	1108022
		600 mm	0.5 m	SLG10S-060SBKA1K01	1107909
			1.5 m	SLG10S-060SBKB1K01	1108038
		700 mm	0.5 m	SLG10S-070SBKA1K01	1106227
			1.5 m	SLG10S-070SBKB1K01	1108047
		800 mm	0.5 m	SLG10S-080SBKA1K01	1107910
			1.5 m	SLG10S-080SBKB1K01	1108048
		1,000 mm	0.5 m	SLG10S-100SBKA1K01	1107924
			1.5 m	SLG10S-100SBKB1K01	1108049
		1,200 mm	0.5 m	SLG10S-120SBKA1K01	1107925
			1.5 m	SLG10S-120SBKB1K01	1108055
		1,400 mm	0.5 m	SLG10S-140SBKA1K01	1107926
			1.5 m	SLG10S-140SBKB1K01	1108059

- **Device version:** FlexChain Guest
- **Sensor principle FlexChain:** light grid system
- **Beam separation:** 25 mm

Operating range	Optical light exit	Detection height	Length of cable	Type	Part no.
4 m	Flat	100 mm	0.5 m	SLG25S-010FAKA1K01	1107830
			1.5 m	SLG25S-010FAKB1K01	1107991
		200 mm	0.5 m	SLG25S-020FAKA1K01	1107837
			1.5 m	SLG25S-020FAKB1K01	1107992
		300 mm	0.5 m	SLG25S-030FAKA1K01	1107838
			1.5 m	SLG25S-030FAKB1K01	1107993
		400 mm	0.5 m	SLG25S-040FAKA1K01	1107839
			1.5 m	SLG25S-040FAKB1K01	1107994
		500 mm	0.5 m	SLG25S-050FAKA1K01	1107846
			1.5 m	SLG25S-050FAKB1K01	1107995
		600 mm	0.5 m	SLG25S-060FAKA1K01	1107847
			1.5 m	SLG25S-060FAKB1K01	1107996
		700 mm	0.5 m	SLG25S-070FAKA1K01	1106765
			1.5 m	SLG25S-070FAKB1K01	1107998
		800 mm	0.5 m	SLG25S-080FAKA1K01	1107848
			1.5 m	SLG25S-080FAKB1K01	1107999
		1,000 mm	0.5 m	SLG25S-100FAKA1K01	1107849
			1.5 m	SLG25S-100FAKB1K01	1108000
		1,200 mm	0.5 m	SLG25S-120FAKA1K01	1107754
4 m	Flat	1,200 mm	1.5 m	SLG25S-120FAKB1K01	1108001
		1,400 mm	0.5 m	SLG25S-140FAKA1K01	1107850
			1.5 m	SLG25S-140FAKB1K01	1108002
	Slim	100 mm	0.5 m	SLG25S-010SAKA1K01	1107795

FlexChain
SWITCHING AUTOMATION LIGHT GRIDS

Operating range	Optical light exit	Detection height	Length of cable	Type	Part no.
			1.5 m	SLG25S-010SAKB1K01	1107855
		200 mm	0.5 m	SLG25S-020SAKA1K01	1222977
			1.5 m	SLG25S-020SAKB1K01	1107856
		300 mm	0.5 m	SLG25S-030SAKA1K01	1107798
			1.5 m	SLG25S-030SAKB1K01	1107857
		400 mm	0.5 m	SLG25S-040SAKA1K01	1106764
			1.5 m	SLG25S-040SAKB1K01	1107862
		500 mm	0.5 m	SLG25S-050SAKA1K01	1107806
			1.5 m	SLG25S-050SAKB1K01	1107864
		600 mm	0.5 m	SLG25S-060SAKA1K01	1107807
			1.5 m	SLG25S-060SAKB1K01	1107865
		700 mm	0.5 m	SLG25S-070SAKA1K01	1107808
			1.5 m	SLG25S-070SAKB1K01	1107866
		800 mm	0.5 m	SLG25S-080SAKA1K01	1107809
			1.5 m	SLG25S-080SAKB1K01	1107867
		1,000 mm	0.5 m	SLG25S-100SAKA1K01	1107810
			1.5 m	SLG25S-100SAKB1K01	1107874
		1,200 mm	0.5 m	SLG25S-120SAKA1K01	1107811
			1.5 m	SLG25S-120SAKB1K01	1107875
		1,400 mm	0.5 m	SLG25S-140SAKA1K01	1222856
			1.5 m	SLG25S-140SAKB1K01	1107876

Operating range	Optical light exit	Detection height	Length of cable	Type	Part no.
7 m	Flat	100 mm	0.5 m	SLG25S-010FBKA1K01	1108031
			1.5 m	SLG25S-010FBKB1K01	1108028
		200 mm	0.5 m	SLG25S-020FBKA1K01	1108032
			1.5 m	SLG25S-020FBKB1K01	1107757
		300 mm	0.5 m	SLG25S-030FBKA1K01	1108033
			1.5 m	SLG25S-030FBKB1K01	1108025
		400 mm	0.5 m	SLG25S-040FBKA1K01	1222955
			1.5 m	SLG25S-040FBKB1K01	1108037
		500 mm	0.5 m	SLG25S-050FBKA1K01	1108034
			1.5 m	SLG25S-050FBKB1K01	1108062
		600 mm	0.5 m	SLG25S-060FBKA1K01	1108036
			1.5 m	SLG25S-060FBKB1K01	1108063
		700 mm	0.5 m	SLG25S-070FBKA1K01	1108052
			1.5 m	SLG25S-070FBKB1K01	1108066
		800 mm	0.5 m	SLG25S-080FBKA1K01	1222991
			1.5 m	SLG25S-080FBKB1K01	1108082
		1,000 mm	0.5 m	SLG25S-100FBKA1K01	1108053
			1.5 m	SLG25S-100FBKB1K01	1108083
		1,200 mm	0.5 m	SLG25S-120FBKA1K01	1108057
7 m	Flat	1,200 mm	1.5 m	SLG25S-120FBKB1K01	1108089
		1,400 mm	0.5 m	SLG25S-140FBKA1K01	1108060
			1.5 m	SLG25S-140FBKB1K01	1108097
	Slim	100 mm	0.5 m	SLG25S-010SBKA1K01	1107927
			1.5 m	SLG25S-010SBKB1K01	1108064

Operating range	Optical light exit	Detection height	Length of cable	Type	Part no.
		200 mm	0.5 m	SLG25S-020SBKA1K01	1107928
			1.5 m	SLG25S-020SBKB1K01	1108080
		300 mm	0.5 m	SLG25S-030SBKA1K01	1107929
			1.5 m	SLG25S-030SBKB1K01	1108084
		400 mm	0.5 m	SLG25S-040SBKA1K01	1107930
			1.5 m	SLG25S-040SBKB1K01	1108086
		500 mm	0.5 m	SLG25S-050SBKA1K01	1107931
			1.5 m	SLG25S-050SBKB1K01	1108087
		600 mm	0.5 m	SLG25S-060SBKA1K01	1107933
			1.5 m	SLG25S-060SBKB1K01	1108088
		700 mm	0.5 m	SLG25S-070SBKA1K01	1107934
			1.5 m	SLG25S-070SBKB1K01	1108103
		800 mm	0.5 m	SLG25S-080SBKA1K01	1107935
			1.5 m	SLG25S-080SBKB1K01	1108104
		1,000 mm	0.5 m	SLG25S-100SBKA1K01	1107936
			1.5 m	SLG25S-100SBKB1K01	1108105
		1,200 mm	0.5 m	SLG25S-120SBKA1K01	1107938
			1.5 m	SLG25S-120SBKB1K01	1108106
		1,400 mm	0.5 m	SLG25S-140SBKA1K01	1108119
			1.5 m	SLG25S-140SBKB1K01	1108107

- **Device version:** FlexChain Guest
- **Sensor principle FlexChain:** light grid system
- **Beam separation:** 50 mm

Operating range	Optical light exit	Detection height	Length of cable	Type	Part no.
4 m	Flat	100 mm	0.5 m	SLG50S-010FAKA1K01	1107858
			1.5 m	SLG50S-010FAKB1K01	1108003
		200 mm	0.5 m	SLG50S-020FAKA1K01	1107860
			1.5 m	SLG50S-020FAKB1K01	1108004
		300 mm	0.5 m	SLG50S-030FAKA1K01	1107890
			1.5 m	SLG50S-030FAKB1K01	1108005
		400 mm	0.5 m	SLG50S-040FAKA1K01	1107891
			1.5 m	SLG50S-040FAKB1K01	1108006
		500 mm	0.5 m	SLG50S-050FAKA1K01	1105785
			1.5 m	SLG50S-050FAKB1K01	1108007
		600 mm	0.5 m	SLG50S-060FAKA1K01	1107893
			1.5 m	SLG50S-060FAKB1K01	1108008
		700 mm	0.5 m	SLG50S-070FAKA1K01	1107894
			1.5 m	SLG50S-070FAKB1K01	1108009
		800 mm	0.5 m	SLG50S-080FAKA1K01	1107895
			1.5 m	SLG50S-080FAKB1K01	1107980
		1,000 mm	0.5 m	SLG50S-100FAKA1K01	1107900
			1.5 m	SLG50S-100FAKB1K01	1107979
		1,200 mm	0.5 m	SLG50S-120FAKA1K01	1107901
4 m	Flat	1,200 mm	1.5 m	SLG50S-120FAKB1K01	1107978
		1,400 mm	0.5 m	SLG50S-140FAKA1K01	1107902
			1.5 m	SLG50S-140FAKB1K01	1107977
	Slim	100 mm	0.5 m	SLG50S-010SAKA1K01	1107812

Operating range	Optical light exit	Detection height	Length of cable	Type	Part no.
			1.5 m	SLG50S-010SAKB1K01	1107877
		200 mm	0.5 m	SLG50S-020SAKA1K01	1107813
			1.5 m	SLG50S-020SAKB1K01	1107878
		300 mm	0.5 m	SLG50S-030SAKA1K01	1107814
			1.5 m	SLG50S-030SAKB1K01	1107879
		400 mm	0.5 m	SLG50S-040SAKA1K01	1107815
			1.5 m	SLG50S-040SAKB1K01	1107880
		500 mm	0.5 m	SLG50S-050SAKA1K01	1107816
			1.5 m	SLG50S-050SAKB1K01	1107881
		600 mm	0.5 m	SLG50S-060SAKA1K01	1222956
			1.5 m	SLG50S-060SAKB1K01	1107882
		700 mm	0.5 m	SLG50S-070SAKA1K01	1107817
			1.5 m	SLG50S-070SAKB1K01	1107883
		800 mm	0.5 m	SLG50S-080SAKA1K01	1107818
			1.5 m	SLG50S-080SAKB1K01	1107884
		1,000 mm	0.5 m	SLG50S-100SAKA1K01	1107819
			1.5 m	SLG50S-100SAKB1K01	1107885
		1,200 mm	0.5 m	SLG50S-120SAKA1K01	1107820
			1.5 m	SLG50S-120SAKB1K01	1107886
		1,400 mm	0.5 m	SLG50S-140SAKA1K01	1107821
			1.5 m	SLG50S-140SAKB1K01	1107887

Operating range	Optical light exit	Detection height	Length of cable	Type	Part no.
7 m	Flat	100 mm	0.5 m	SLG50S-010FBKA1K01	1108065
			1.5 m	SLG50S-010FBKB1K01	1108098
		200 mm	0.5 m	SLG50S-020FBKA1K01	1108067
			1.5 m	SLG50S-020FBKB1K01	1108100
		300 mm	0.5 m	SLG50S-030FBKA1K01	1108068
			1.5 m	SLG50S-030FBKB1K01	1108101
		400 mm	0.5 m	SLG50S-040FBKA1K01	1108069
			1.5 m	SLG50S-040FBKB1K01	1108102
		500 mm	0.5 m	SLG50S-050FBKA1K01	1108070
			1.5 m	SLG50S-050FBKB1K01	1108093
		600 mm	0.5 m	SLG50S-060FBKA1K01	1108071
			1.5 m	SLG50S-060FBKB1K01	1108092
		700 mm	0.5 m	SLG50S-070FBKA1K01	1108073
			1.5 m	SLG50S-070FBKB1K01	1108091
		800 mm	0.5 m	SLG50S-080FBKA1K01	1108074
			1.5 m	SLG50S-080FBKB1K01	1108090
		1,000 mm	0.5 m	SLG50S-100FBKA1K01	1108058
			1.5 m	SLG50S-100FBKB1K01	1108061
		1,200 mm	0.5 m	SLG50S-120FBKA1K01	1108035
7 m	Flat	1,200 mm	1.5 m	SLG50S-120FBKB1K01	1108030
		1,400 mm	0.5 m	SLG50S-140FBKA1K01	1107755
			1.5 m	SLG50S-140FBKB1K01	1108023
	Slim	100 mm	0.5 m	SLG50S-010SBKA1K01	1107948
			1.5 m	SLG50S-010SBKB1K01	1108120

Operating range	Optical light exit	Detection height	Length of cable	Type	Part no.
		200 mm	0.5 m	SLG50S-020SBKA1K01	1107949
			1.5 m	SLG50S-020SBKB1K01	1108108
		300 mm	0.5 m	SLG50S-030SBKA1K01	1107950
			1.5 m	SLG50S-030SBKB1K01	1108109
		400 mm	0.5 m	SLG50S-040SBKA1K01	1107951
			1.5 m	SLG50S-040SBKB1K01	1108121
		500 mm	0.5 m	SLG50S-050SBKA1K01	1107952
			1.5 m	SLG50S-050SBKB1K01	1108096
		600 mm	0.5 m	SLG50S-060SBKA1K01	1107955
			1.5 m	SLG50S-060SBKB1K01	1108095
		700 mm	0.5 m	SLG50S-070SBKA1K01	1107956
			1.5 m	SLG50S-070SBKB1K01	1108094
		800 mm	0.5 m	SLG50S-080SBKA1K01	1107957
			1.5 m	SLG50S-080SBKB1K01	1108085
		1,000 mm	0.5 m	SLG50S-100SBKA1K01	1222992
			1.5 m	SLG50S-100SBKB1K01	1108040
		1,200 mm	0.5 m	SLG50S-120SBKA1K01	1107958
			1.5 m	SLG50S-120SBKB1K01	1108039
		1,400 mm	0.5 m	SLG50S-140SBKA1K01	1107959
			1.5 m	SLG50S-140SBKB1K01	1108021

SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is "Sensor Intelligence."

WORLDWIDE PRESENCE:

Contacts and other locations –**www.sick.com**

SICK
Sensor Intelligence.