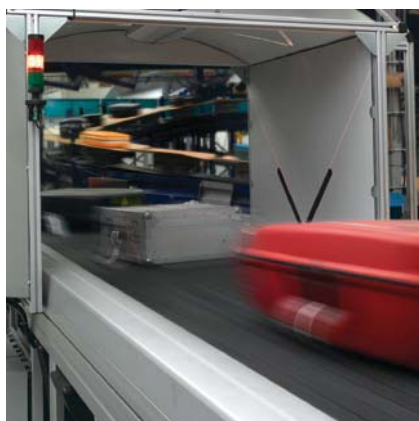


SICK automation light grids – simple integration through high flexibility



Automation light grids

Two-dimensional inspection or counting tasks are important in automation. SICK's automation light grids can be used in a number of these solutions, such as detecting and counting

irregularly shaped objects, people and vehicles, and checking for presence and pallet overhang detection. The tasks are so versatile that one light grid cannot fulfill the requirements of every applica-

tion. Light grids from SICK offer multiple ranges, heights, sizes, orientations, and resolutions which simplify integration through high flexibility and performance.



Automation light grids

J

Selection guide automation light grids 310



MLG 312 Extended possibilities



ELG 314 ELG – the extremely tough and versatile light grid for standard applications



FLG 316 Two in one: sender and receiver in one housing



VLC100 317 A new dimension of vision-based automation light grids



SAS 318 Better machine control in a small housing



SPL 320 Error-proof picking



SGS 322 Opens the door to smart sensing

Selection guide automation light grids

	Advanced automation light grids	Standard automation light grids			Smart light grids		
	MLG	ELG	FLG	VLC100	SAS	SPL	SGS
Task							
Position determination	■						
Object presence	■	■	■	■	■		■
Application at toll booths and on industrial doors		■					■
Pick-to-light						■	
Measuring tasks	■						
Function							
Sender/receiver system	■	■	■		■	■	■
Retro-reflective system				■			
Switching	■	■	■	■	■	■	■
Measuring	■						
Minimum detectable object (MDO) (mm)							
2 ... 4			■				
5 ... 10	■ ¹⁾	■ ¹⁾		■			
10 ... 20	■	■					
20 ... 30					■ ¹⁾	■ ¹⁾	■ ¹⁾
30 ... 40	■	■					
40 ... 50					■	■	■
60 ... 70	■	■					
70 ... 80	■	■					
80 ... 90	■						■
Interface							
PNP/NPN	■	■	■	■	■	■	■
Analog/ PROFIBUS/ CANopen/ RS-485	■						
Relay		■					
Push-Pull			■				
Seite	312	314	316	317	318	320	322

¹⁾ Cross beam.

Detection height

Product family	Detection height (mm)												Page
	100	150	200	250	300	500	1,000	1,500	2,000	2,500	3,000	3,500	
MLG													312
ELG													314
FLG													316
SAS													318
SPL													320
SGS													322

Working range

Product family	Range (m)												Page
	1	2	3	4	5	6	7	8	9	10	11	12	
MLG													312
ELG													314
VLC100													317
SAS													318
SPL													320
SGS													322



At a glance

- User-programmable and factory-preset versions available
- Sensing range up to 8.5 m
- Monitoring heights of over 3 m and up to 240 beams possible
- Resolutions of 10 / 20 / 30 / 50 mm and customer-specific resolutions possible
- External teach-in for optimal sensitivity settings
- Short response time < 3 ms
- Up to 6 PNP or NPN switching outputs and two switching inputs
- PROFIBUS, CANopen, analog outputs, RS-485

Your benefits

- MLG light grids are robust, resistant, and powerful
- Light grid status information to avoid interrupting operation
- Customer-oriented solution based on modular beam separations improves operational safety
- Integrated PROFIBUS, CANopen bus systems, analog outputs, and RS-485 interfaces reduce cabling time and costs
- A fully modular system guarantees the optimum solution for the customer
- With the MLG, the system integrator can offer a solution with the end customer in mind
- Robust metal housing can cope with harsh environments and reduces downtime
- Integrated software program minimizes mounting work, since no additional connection box is required

→ www.mysick.com/en/MLG

For more information, just enter the link or scan the QR code and get direct access to technical data, CAD design models, operating instructions, software, application examples and much more.



Ordering information

Other models available at www.mysick.com/en/MLG











Beam separation	Working range	Detection height	Connection type	Switching output	Model name	Part no.
10 mm	5 m ¹⁾	140 mm	Connector M12, 5-pin	1 x PNP	MLG1-0140F511	1024259
			Connector M12, 8-pin	3 x PNP	MLG1-0140F812	1022147
		290 mm	Connector M12, 5-pin	1 x PNP	MLG1-0290F511	1023670
			Connector M12, 8-pin	3 x PNP	MLG1-0290F812	1022166
		440 mm	Connector M12, 8-pin	3 x PNP	MLG1-0440F812	1022294
			Connector M12, 8-pin	3 x PNP	MLG1-0590F812	1023581
		740 mm	Connector M12, 8-pin	3 x PNP	MLG1-0740F812	1023031
			Connector M12, 8-pin	1 x PNP	MLG1-0740I812	1023558
		1,040 mm	Connector M12, 8-pin	1 x PNP	MLG1-1040P811	1040606
		1,340 mm	Connector M12, 8-pin	1 x PNP	MLG1-1340P811	1029194
	8.5 m ¹⁾	1,640 mm	Connector M12, 8-pin	1 x PNP	MLG1-1640P811	1029454
		890 mm	Connector M12, 8-pin	1 x PNP	MLG1-0890I812	1023557
		140 mm	Connector M12, 5-pin	1 x PNP	MLG1-0140F521	1026370
		290 mm	Connector M12, 5-pin	1 x PNP	MLG1-0290F521	1024123
		590 mm	Connector M12, 8-pin	1 x PNP	MLG1-0590I822	1023872

¹⁾ Aperture ± 3°.

Beam separation	Working range	Detection height	Connection type	Switching output	Model name	Part no.
20 mm	5 m ¹⁾	280 mm	Connector M12, 5-pin	1 x PNP	MLG2-0280F511	1023372
			Connector M12, 8-pin	3 x PNP	MLG2-0280F812	1023585
		580 mm	Connector M12, 8-pin	3 x PNP	MLG2-0580F812	1023555
				1 x PNP	MLG2-0580I812	1023789
		880 mm	Connector M12, 8-pin	1 x PNP	MLG2-0880P811	1028706
		1,180 mm	Terminals	4 x PNP	MLG2-1180I212	1047867
30 mm	5 m ¹⁾	2,070 mm	Connector M12, 8-pin	1 x PNP	MLG3-2070I812	1026548
50 mm	5 m ¹⁾	700 mm	Connector M12, 5-pin	1 x PNP	MLG5-0700F511	1022867
		1,900 mm	Terminals	6 x PNP	MLG5-1900F212	1025341
		1,450 mm	Connector M12, 8-pin	3 x PNP	MLG5-1450F812	1023604
		2,050 mm	Connector M12, 8-pin	3 x PNP	MLG5-2050F812	1027720
		2,350 mm	Connector M12, 8-pin	3 x PNP	MLG5-2350F812	1022178
		3,100 mm	Connector M12, 8-pin	3 x PNP	MLG5-3100F812	1023803
	8,5 m ¹⁾	3,100 mm	Connector M12, 8-pin	3 x PNP	MLG5-3100F822	1027719

¹⁾ Aperture $\pm 3^\circ$.

Accessories

	Accessory category	Accessory type	Connection type	Enclosure rating	Flying leads	Sheath material	Cable length	Model name	Part no.	
	Adapters/distributors	Bus adapters	–	–	–	–	–	ADAPT-PB-MLG	1027921	
	Mounting brackets/plates	Mounting brackets	–	–	–	–	–	BEF-NUT-MLG	2023696	
	Plug connectors and cables	Female connector	Connector M12, 5-pin	IP 67	Straight	PVC	5 m	DOL-1205-G05M	6009868	
		Female connector	Connector M12, 5-pin	–	Straight	–	5 m	DOL-1205-G05MQ	6026006	
		Female connector	Connector M12, 8-pin	IP 67	Straight	PVC	5 m	DOL-1208-G05MA	6020993	
		Communi- cation and connection cables	–	–	–	–	–	–	DSL-1208-G02MAC	6030121
		Male connector			–	–	–	–	SB0-02F12-SM	6029306
		Male connector			–	–	–	–	SB0-02G12-SM	6029305
						Straight	–	5 m	STL-1205-G05MQ	6026005
		Terminal and alignment brackets	Terminal brackets	–	–	–	–	–	BEF-2SMKEAAL2	2045884



At a glance

- Up to 128 beams
- Different beam resolutions 10 mm / 30 mm and 60 mm
- High functional reserve (gain) for ranges up to 12 m
- Potentiometer for sensitivity setting
- Ambient light up to 200,000 lx
- Tough, aluminum housing
- PNP/NPN, relay output and a test input
- Optical synchronization

Your benefits

- Insensitive to ambient light when exposed to direct sunlight, strobe lights, and highly reflective objects, eliminating false trips
- High functional reserve (excess gain) ensures operation even if it gets dirty, dusty, or misaligned, reducing maintenance costs
- Efficient and effective way to combine multiple sensors in one housing with one connector
- Simple commissioning thanks to a larger optical aperture angle and manual fine adjustment option
- Optical synchronization enables quick installation and cost-effective connection
- The sensitivity adjustment can be used to detect or ignore translucent materials to reduce production problems

→ www.mysick.com/en/ELG

For more information, just enter the link or scan the QR code and get direct access to technical data, CAD design models, operating instructions, software, application examples and much more.





Ordering information

Other models available at www.mysick.com/en/ELG

Beam separation	Working range	Evaluation beams	Detection height	Switching output	Model name	Part no.
10 mm	3 m	Parallel beam	150 mm	2 x PNP (Q and /Q)	ELG1-0150P531	1026741
		Multiple scan	100 mm	2 x PNP (Q and /Q)	ELG1-0100P533	1026808
			150 mm	2 x PNP (Q and /Q)	ELG1-0150P533	1026809
	5 m	Parallel beam	150 mm	2 x PNP (Q and /Q)	ELG1-0150P571	1028333
30 mm	2 m	Parallel beam	90 mm	2 x PNP (Q and /Q)	ELG3-0090P511	1024290
			210 mm	2 x PNP (Q and /Q)	ELG3-0210P511	1025510
			390 mm	2 x PNP (Q and /Q)	ELG3-0390P591	1042615
			570 mm	2 x PNP (Q and /Q)	ELG3-0570P511	1025501
			690 mm	2 x NPN (Q and /Q)	ELG3-0690N511	1041956
		Multiple scan	150 mm	2 x PNP (Q and /Q)	ELG3-0150P513	1025578
			210 mm	2 x NPN (Q and /Q)	ELG3-0210N513	1052378
	12 m	Parallel beam	210 mm	2 x PNP (Q and /Q)	ELG3-0210P521	1025574
			450 mm	Relais (DC 60 V, AC 25 V)	ELG3-0450R221	1024268
			690 mm	2 x NPN (Q and /Q)	ELG3-0690N521	1025615
			930 mm	Relais (DC 60 V, AC 25 V)	ELG3-0930R521	1025449
			1,050 mm	2 x PNP (Q and /Q)	ELG3-1050P521	1025570
			2,370 mm	2 x PNP (Q and /Q)	ELG3-2370P521	1025573
		Multiple scan	930 mm	Relais (DC 60 V, AC 25 V)	ELG3-0930R523	1026537
			1,170 mm	2 x PNP (Q and /Q)	ELG3-1170P523	1040580

Beam separation	Working range	Evaluation beams	Detection height	Switching output	Model name	Part no.
60 mm	12 m	Parallel beam	1,080 mm	2 x PNP (Q and /Q)	ELG6-1080P521	1025586
			1,380 mm	1 x PNP (Q and /Q)	ELG6-1380P521	1025587
			2,340 mm	0 x PNP (Q and /Q)	ELG6-2340P521	1025596
			2,460 mm	Relais (DC 60 V, AC 25 V)	ELG6-2460R521	1026183
			3,120 mm	1 x PNP (Q and /Q)	ELG6-3120P521	1047475
		Multiple scan	1,860 mm	2 x PNP (Q and /Q)	ELG6-1860P523	1025593
			2,040 mm	2 x PNP (Q and /Q)	ELG6-2040P523	1025594

Accessories

	Accessory category	Accessory type	Connection type	Enclosure rating	Flying leads	Sheath material	Cable length	Model name	Part no.
	Plug connectors and cables	Female connector	Connector M12, 4-pin	IP 67	Straight	PVC	2 m	DOL-1204-G02M	6009382
							5 m	DOL-1204-G05M	6009866
							10 m	DOL-1204-G10M	6010543
	Terminal and alignment brackets	Alignment brackets	-	-	-	-	-	BEF-2SMKEAKU4	2019649



At a glance

- Dynamic or static operating mode, switchable
- Simple adjustment
- Adjustable sensitivity
- Adjustable pushbutton lock
- Rugged metal housing
- Adjustable pulse lengthening
- Switchable NO/NC

Your benefits

- Simple installation and alignment due to sender and receiver in one housing
- The adjustable pushbutton lock protects against unwanted changes to parameters and manipulation during operation
- The device's adjustable sensitivity, operating mode and pulse lengthening features enable individual parameter changes to fit the requirements of your application
- Also available as an one side open version for simple integration into your application environment
- Large monitoring area, so only one device is required for monitoring small and large parts
- Using the sensitivity setting, it is possible to hide falling debris and only recognize objects that are relevant to detect

→ www.mysick.com/en/FLG

For more information, just enter the link or scan the QR code and get direct access to technical data, CAD design models, operating instructions, software, application examples and much more.



Ordering information

Other models available at www.mysick.com/en/FLG

- **Connection type:** Connector M12, 4-pin

Version	Beam separation	Minimum detectable object (MDO)	Detection area (W x H)	Model name	Part no.
Close	2 mm	Dynamic: 2 mm ¹⁾ Static: 6 mm	120 mm x 200 mm ¹⁾	FLG2-20012011	6049334
			180 mm x 200 mm ¹⁾	FLG2-20018011	6049333
			250 mm x 200 mm ¹⁾	FLG2-20025011	6049138
	4 mm	Dynamic: 4 mm Static: 6 mm	120 mm x 200 mm	FLG4-20012011	6049135
			180 mm x 200 mm	FLG4-20018011	6049136
			250 mm x 200 mm	FLG4-20025011	6049137
Open	2 mm	Dynamic: 2 mm ¹⁾ Static: 6 mm	120 mm x 200 mm ¹⁾	FLG2-20012021	6050064
			180 mm x 200 mm ¹⁾	FLG2-20018021	6050065
			250 mm x 200 mm ¹⁾	FLG2-20025021	6050066
	4 mm	Dynamic: 4 mm Static: 6 mm	120 mm x 200 mm	FLG4-20012021	6050067
			180 mm x 200 mm	FLG4-20018021	6050068
			250 mm x 200 mm	FLG4-20025021	6050069

¹⁾ 2 mm MDO in limited detection area.

Accessories

	Accessory category	Accessory type	Connection type	Enclosure rating	Flying leads	Sheath material	Cable length	Model name	Part no.
	Plug connectors and cables	Female connector	Connector M12, 4-pin	IP 67	Straight	PVC	2 m	DOL-1204-G02M	6009382
							5 m	DOL-1204-G05M	6009866
					Angled	PVC	2 m	DOL-1204-W02M	6009383
							5 m	DOL-1204-W05M	6009867



At a glance

- Sensing range up to 2.8 m
- Resolution 6 mm up to 18 mm
- One device only: integrated sender and receiver
- Intuitive one-button operation
- Automatic alignment
- Synchronization of 2 systems
- Easy teach-in function

Your benefits

- Flexible and individual design of detection area
- Quick commissioning without additional software
- Intuitive, time-saving operation
- No variants: one device concept for all detection areas
- Reduced storage, shipping and commissioning costs
- No expert knowledge required
- High reliability and simple maintenance

→ www.mysick.com/en/VLC100

For more information, just enter the link or scan the QR code and get direct access to technical data, CAD design models, operating instructions, software, application examples and much more.



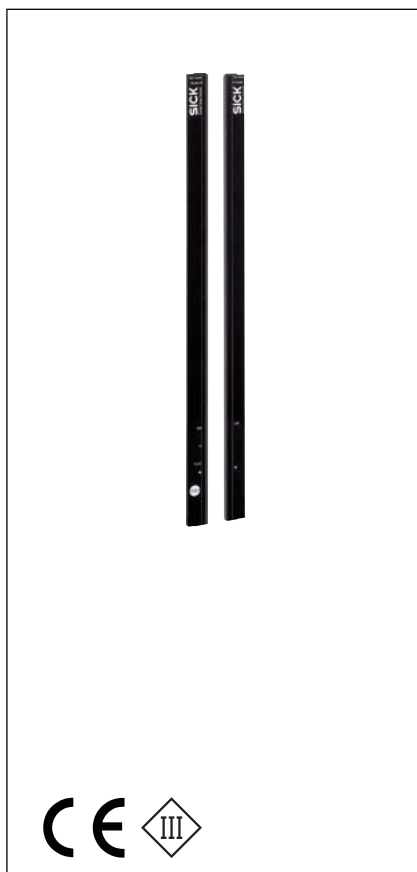
Ordering information

Other models available at www.mysick.com/en/VLC100

Working range	Switching output	Model name	Part no.
2 m x 2 m	2 x PNP	VLC100-0201000	1054540

Accessories

	Accessory category	Accessory type	Connection type	Enclosure rating	Flying leads	Sheath material	Cable length	Model name	Part no.
	Plug connectors and cables	Female connector	Connector M12, 8-pin	IP 67	Straight	PVC	5 m	DOL-1208-G05MA	6020993
	Reflectors	Reflective tape	–	–	–	–	–	Heavy duty reflective tape, 2 m	2061272
	Terminal and alignment brackets	Terminal brackets	–	–	–	–	–	Mounting kit	2045375



At a glance

- Variable detection lengths from 120 mm up to 600 mm (in 160 mm increments)
- Set parameters via teach-in with no PC
- Simple teach-in setup
- Maximum range 4 m
- Response time 18 ms
- 25 mm resolution with 40 mm beam separation possible
- Highly immune to sunlight up to 150,000 lx
- Small blind zone < 11 mm

Your benefits

- Small, slim and sleek design enables easy integration into applications
- Capacitive teach-in button and LEDs make commissioning easier for complex solutions
- Slim and flat models offer flexible mounting options and optimize space while reducing damage
- Customized preset configurations or set parameters via one-touch teach-in with no PC
- Optical synchronization eliminates the need to lay cables, saving time
- Auto-teach and auto-muting enable Plug & Play. And, an alignment aid and "Click & Go" provide faster installation.

→ www.mysick.com/en/SAS

For more information, just enter the link or scan the QR code and get direct access to technical data, CAD design models, operating instructions, software, application examples and much more.



Ordering information



Other models available at www.mysick.com/en/SAS

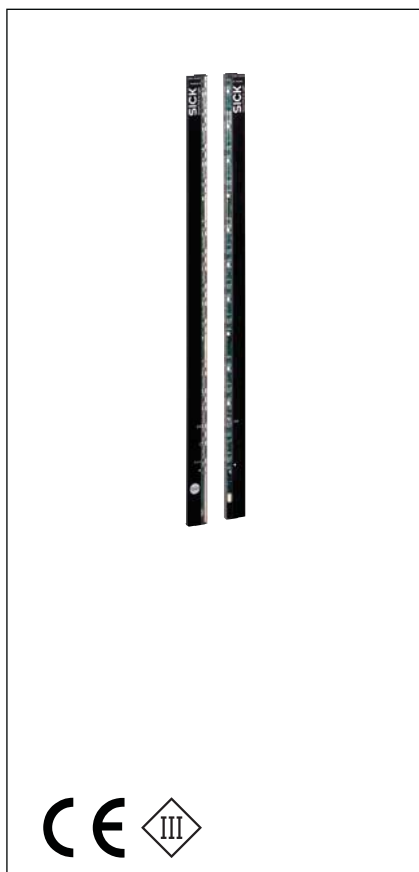
- **Beam separation:** 40 mm
- **Working range:** 3 m

Optical light exit	Aluminum stabilizer	Detection height	Switching output	Model name	Part no.
Flat	Without stabilizer	120 mm	1 x PNP	SAS4-F012P3PS1T00	1207475
				SAS4-F012P3PS1T01	1209637
			280 mm	1 x NPN	SAS4-F012P3PS1W00
		SAS4-F012N3PS1T00			1208785
		440 mm		1 x PNP	SAS4-F028P3PS1T00
			1 x NPN		SAS4-F028N3PS1T00
			600 mm	1 x PNP	SAS4-F044P3PS1T00
		1 x NPN			SAS4-F044N3PS1T00
	With stabilizer	280 mm		1 x PNP	SAS4-F060P3PS1T00
			SAS4-F060N3PS1T00		1208787
	280 mm	1 x PNP	SAS4-F028P3PS2T00	1207711	
	600 mm	1 x PNP	SAS4-F060P3PS2T00	1209213	

Optical light exit	Aluminum stabilizer	Detection height	Switching output	Model name	Part no.
Slim	Without stabilizer	120 mm	1 x PNP	SAS4-S012P3PS1T00	1047364
			1 x NPN	SAS4-S012N3PS1T00	1047009
		280 mm		SAS4-S012N3PS1W00	1047014
			1 x PNP	SAS4-S028P3PS1T00	1047063
			1 x NPN	SAS4-S028N3PS1T00	1207707
				SAS4-S028N3PS1W00	1207704
		440 mm	1 x PNP	SAS4-S044P3PS1T00	1045019
				SAS4-S044P3PS1W00	1209581
			1 x NPN	SAS4-S044N3PS1T0D	1209170
				SAS4-S044N3PS1T00	1207708
				SAS4-S044N3PS1W00	1207705
				SAS4-S060P3PS1T00	1047587
		600 mm	1 x PNP	SAS4-S060P3PS1W00	1047525
				SAS4-S060N3PS1T0D	1209171
			1 x NPN	SAS4-S060N3PS1T00	1207709
				SAS4-S060N3PS1W00	1207706
				SAS4-S060N3PS1W02	1207752
				SAS4-S060N3PS1W0A	1209013
	With stabilizer	120 mm	1 x PNP	SAS4-S012P3PS2W04	1208464
		600 mm	1 x PNP	SAS4-S060P3PS2W0A	1209013

Accessories

	Accessory category	Accessory type	Connection type	Enclosure rating	Flying leads	Sheath material	Cable length	Model name	Part no.
	Mounting brackets/plates	Mounting brackets	–	–	–	–	–	BEF-SLG-SET2	2056518
	Plug connectors and cables	Female connector	Connector M8, 4-pin	IP 67	Straight	PVC	2 m	DOL-0804-G02M	6009870
							5 m	DOL-0804-G05M	6009872
							10 m	DOL-0804-G10M	6010754
		Connection cable	Connector M8, 4-pin	IP 67	Straight	PVC	2 m	DSL-8204-G02M	6022573
							5 m	DSL-8204-G05M	6034403



At a glance

- Variable detection lengths from 120 mm up to 440 mm
- No commissioning necessary – Plug & Play operation
- Maximum range 3 m
- Response time 18 ms
- 25 mm resolution with 40 mm beam separation possible
- Highly visible job LEDs along the entire length of the sensor
- Green job LEDs for correct pick and red job LEDs for incorrect pick
- Can be connected to bus systems

Your benefits

- Highly visible job LEDs can be seen from any position
- Picking error display for order picking improves quality
- Plug & Play operation saves time
- Automatic teach-in when turned on
- Slim and flat models offer flexible mounting options and optimize shelf/bin space while reducing damage
- Quick, cost-effective installation thanks to optical synchronization – no need to wire the sender and receiver together
- Auto-muting, auto-teach and an alignment aid provide more uptime

→ www.mysick.com/en/SPL

For more information, just enter the link or scan the QR code and get direct access to technical data, CAD design models, operating instructions, software, application examples and much more.





Ordering information

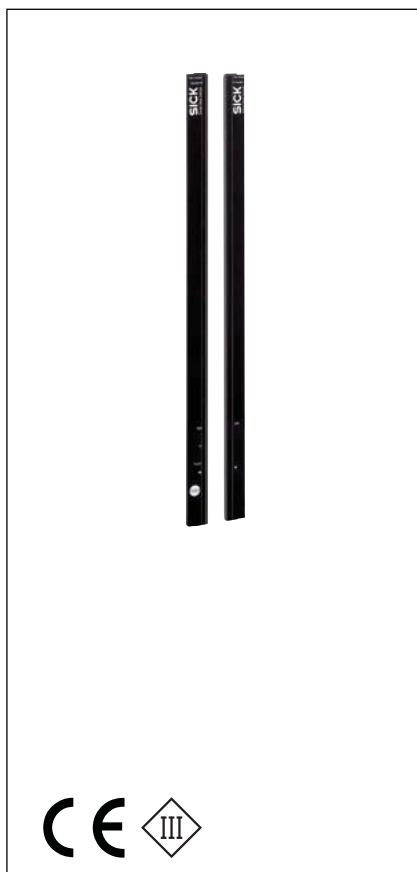
Other models available at www.mysick.com/en/SPL

- **Beam separation:** 40 mm
- **Working range:** 1.5 m

Optical light exit	Aluminum stabilizer	Detection height	Switching output	Model name	Part no.
Flat	Without stabilizer	120 mm	1 x PNP	SPL-F120PPC1W04	1208391
				SPL-F120PPS1W04	1046128
		280 mm	1 x NPN	SPL-F120NPS1W04	1208550
			1 x PNP	SPL-F280PPS1W04	1046764
	With stabilizer	440 mm	1 x PNP	SPL-F440PPS1W04	1046314
		120 mm	1 x PNP	SPL-F120PPS2W04	1047344
Slim	Without stabilizer	280 mm	1 x PNP	SPL-F280PPS2W04	1046996
		120 mm	1 x PNP	SPL-S120PPS1W04	1046127
		280 mm	1 x PNP	SPL-S280PPS1W04	1046763
		440 mm	1 x PNP	SPL-S440PPS1W04	1046312
	With stabilizer		1 x NPN	SPL-S440NPS1W04	1047365
		280 mm	1 x PNP	SPL-S280PPS2W04	1209197
		440 mm	1 x PNP	SPL-S440PPS2W04	1045018

Accessories

	Accessory category	Accessory type	Connection type	Enclosure rating	Flying leads	Sheath material	Cable length	Model name	Part no.
	Mounting brackets/plates	Mounting brackets	–	–	–	–	–	BEF-SLG-SET2	2056518
	Plug connectors and cables	Female connector	Connector M8, 4-pin	IP 67	Straight	PVC	2 m	DOL-0804-G02M	6009870
							5 m	DOL-0804-G05M	6009872
							10 m	DOL-0804-G10M	6010754
		Connection cable	Connector M8, 4-pin	IP 67	Straight	PVC	2 m	DSL-8204-G02M	6022573
							5 m	DSL-8204-G05M	6034403
		Sensor/actuator box	4 x M12, 5-pin ports		–	PUR	5 m	SBL-04D12-KC05	6028394
			8 x M12, 5-pin ports					SBL-08D12-KC05	6028396



At a glance

- Variable detection lengths from 600 mm up to 1,400 mm (in 160 mm increments)
- Simple teach-in setup via cable
- Optional parameter setting with teach-in button, no PC required
- Maximum range 10 m
- Response time 18 ms
- 25 mm or 45 mm MDO possible
- Highly immune to sunlight at 150,000 lx
- Small blind zone < 11 mm

Your benefits

- Small, slim and sleek design enables easy integration into applications
- Slim and flat models offer flexible mounting options and optimize shelf/bin space while reducing damage
- Customized preset configurations or set parameters via one-touch teach-in with no PC
- Optical synchronization eliminates the need to lay cables, saving time
- Optional: Capacitive teach-in button and LEDs make commissioning easier for complex solutions
- Auto-teach and auto-muting enable Plug & Play. And, an alignment aid and "Click & Go" provide faster installation.

→ www.mysick.com/en/SGS

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Ordering information

Other models available at www.mysick.com/en/SGS

Beam separation	Optical light exit	Aluminum stabilizer	Working range	Detection height	Switching output	Model name	Part no.
40 mm	Flat	Without stabilizer	3 m	920 mm	NPN	SGS4-F092N3CS1T00	1208794
				1,080 mm	1 x PNP	SGS4-F108P3PS1W00	1045008
				1,400 mm	1 x PNP	SGS4-F140P3PS1W00	1045012
			7 m	600 mm	1 x PNP	SGS4-F060P7PS1W00	1209723
				760 mm	1 x PNP	SGS4-F076P7PS1W00	1209287
				920 mm	1 x PNP	SGS4-F092P7PS1T00	1208151
		With stabilizer	3 m	1,080 mm	1 x PNP	SGS4-F108P7PS1W00	1045010
				1,240 mm	1 x PNP	SGS4-F124P3PS2T00	1048038
				1,400 mm	1 x PNP	SGS4-F140P3PS2T00	1208809

Beam separation	Optical light exit	Aluminum stabilizer	Working range	Detection height	Switching output	Model name	Part no.
40 mm	Slim	Without stabilizer	3 m	760 mm	1 x PNP	SGS4-S076P3PS1T00	1047092
				920 mm	1 x PNP	SGS4-S092P3PS1T00	1208201
				1,080 mm	1 x NPN	SGS4-S108N3PS1T00	1208155
					1 x PNP	SGS4-S108P3PS1W00	1045007
			7 m	1,400 mm	1 x PNP	SGS4-S140P3PS1W00	1045011
				600 mm	1 x PNP	SGS4-S060P7PS1W00	1209722
				920 mm	1 x PNP	SGS4-S092P7PS1T00	1208200
				1,080 mm	1 x PNP	SGS4-S108P7PS1T00	1209457
						SGS4-S108P7PS1W00	1045009
		With stabilizer	3 m	920 mm	1 x PNP	SGS4-S092P3PS2T00	1208108
				1,240 mm	1 x PNP	SGS4-S124P3PS2W00	1047815
						SGS4-S124P3PS2W04	1047903
			7 m	1,400 mm	1 x PNP	SGS4-S140P3PS2T00	1208109
				1,400 mm	1 x PNP	SGS4-S140P7PS2T00	1208241
80 mm	Flat	With stabilizer	3 m	880 mm	1 x PNP	SGS8-F088P3PS2W0E	1208797
				1,360 mm	1 x PNP	SGS8-F136P3PS2W0C	1208516
	Slim	Without stabilizer	3 m	560 mm	2 x PNP	SGS8-S056F3PS1T00	1209297
					1 x PNP	SGS8-S056P3PS1W00	1208141
				720 mm	1 x PNP	SGS8-S072P3PS1W00	1209568
				880 mm	1 x PNP	SGS8-S088P3PS1W00	1209597
			7 m	1,040 mm	2 x PNP	SGS8-S104F7PS1T00	1047499
		With stabilizer	3 m	720 mm	1 x PNP	SGS8-S072P3PS2W0C	1208519
				1,360 mm	1 x PNP	SGS8-S136P3PS2T00	1209554
						SGS8-S136P3PS2W00	1047161

Accessories

	Accessory category	Accessory type	Connection type	Enclosure rating	Flying leads	Sheath material	Cable length	Model name	Part no.
	Mounting brackets/plates	Mounting brackets	-	-	-	-	-	BEF-SLG-SET1	2055427
								BEF-SLG-SET2	2056518
	Plug connectors and cables	Female connector	Connector M8, 4-pin	IP 67	Straight	PVC	2 m	DOL-0804-G02M	6009870
							5 m	DOL-0804-G05M	6009872
							10 m	DOL-0804-G10M	6010754
	Terminal and alignment brackets	Connection cable	Connector M8, 4-pin	IP 67	Straight	PVC	2 m	DSL-8204-G02M	6022573
							5 m	DSL-8204-G05M	6034403
	Terminal and alignment brackets	Universal terminal systems	-	-	-	-	-	VZA-SLG	2048519