



SLG

Reliable detection with extremely thin design

SWITCHING AUTOMATION LIGHT GRIDS

SICK
Sensor Intelligence.



Technical data overview

Operating range	1.5 m ... 7 m (depending on type)
Beam separation	40 mm
Optical light exit	Flat Slim (depending on type)
Detection height	120 mm ... 1,400 mm (depending on type)
Connection type	Cable with M8 male connector, 4-pin Cable open end, 4-wire Cable with M12 male connector, 4-pin Cable open end (depending on type)
Length of cable	0.2 m



Product description

The smart light grid product family includes smart area sensors, smart gate sensors and smart pick-to-light-sensor light grids. At only 8 mm x 25 mm, they fit nearly anywhere and can be embedded inside walls, doors, conveyors, and machines. Slim and flat versions are available. They can be ordered in 120 to 1,400 mm lengths in a plastic or aluminum housing. Auto-muting, the teach-in button and an alignment aid ensure longer operating time

At a glance

- Variable monitoring lengths from 120 mm to 1,400 mm (in 160 mm increments)
- Operating range 7 m
- Response time 18 ms
- Resolution 45 mm to 25 mm
- Order-picking with bright job LEDs on the sender and receiver sides
- IP 65 protection class
- Ambient light immunity up to 150,000 lux

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
- User-defined factory preset configuration or flexible configuration with teach-in button
- Optical synchronization eliminates the need to lay cables, thus saving time
- At only 8 mm x 25 mm, smart light grids fit nearly anywhere and can be embedded inside walls, doors, conveyors, and machines
- The teach-in button and auto-muting enable Plug & Play. The alignment aid and the "Click & Go" principle also enable faster installation.

Fields of application

- Courier express parcel, postal & cargo
- Warehouse & distribution
- Automotive
- Airport
- Building automation

Ordering information

Other models and accessories → www.sick.com/SLG

- **Sub product family:** SAS
- **Operating range:** 3 m
- **Beam separation:** 40 mm

Optical light exit	Aluminum stabilizer	Configuration	Cross beam/parallel beam	Detection height	Switching output	Type	Part no.
Flat	With stabilizer	Teach-in button	Parallel beam active	120 mm	PNP	SAS4-F012P3PS2T00	1222131
				280 mm	PNP	SAS4-F028P3PS2T00	1207711
						SAS4-F028P3PS2T02	1214336
						SAS4-F028P3TS2T00	1212332
				440 mm	PNP	SAS4-F044P3TS2T00	1212690
				600 mm	PNP	SAS4-F060P3PS2T00	1209213
		None	Cross beam active	120 mm	PNP	SAS4-F012P3PS2W0B	1214346
				280 mm	PNP	SAS4-F028P3PC2W0B	1214348
						SAS4-F028P3PS2W0B	1214347
			Parallel beam active	280 mm	PNP	SAS4-F028P3PS2W00	1212083
				600 mm	PNP	SAS4-F060P3TS2W04	1218051
		Without stabilizer	Cross beam active	120 mm	PNP	SAS4-F012P3PS1T01	1209637
Flat	Without stabilizer	Teach-in button	Cross beam active	120 mm	PNP	SAS4-F012P3PS1T09	1213348
				280 mm	NPN	SAS4-F028N3PC1T03	1215354
						SAS4-F028N3PS1T03	1215355
					PNP	SAS4-F028P3TS1T09	1218883
				440 mm	NPN	SAS4-F044N3PS1T03	1220767
				600 mm	NPN	SAS4-F060N3PS1T03	1216575
					PNP	SAS4-F060P3TS1T01	1213486
						SAS4-F060P3TS1T0D	1213487
			Parallel beam active	120 mm	NPN	SAS4-F012N3PS1T00	1208785
					PNP	SAS4-F012P3PS1T00	1207475

Optical light exit	Aluminum stabilizer	Configuration	Cross beam/ parallel beam	Detection height	Switching output	Type	Part no.
				280 mm	NPN	SAS4-F028N3PC1T00	1217241
						SAS4-F028N3PS1T00	1208786
					PNP	SAS4-F028P3PS1T00	1208171
				440 mm	NPN	SAS4-F044N3CS1TS42	1109979
						SAS4-F044N3PS1T00	1207761
					PNP	SAS4-F044P3PS1T00	1045020
						SAS4-F044P3PS1T02	1218911
				600 mm	NPN	SAS4-F060N3PS1T00	1208787
					PNP	SAS4-F060P3PS1T00	1048058
		None	Cross beam active	280 mm	NPN	SAS4-F028N3PC1W01	1214794
						SAS4-F028N3PC1W03	1215345
						SAS4-F028N3PS1W01	1214757
						SAS4-F028N3PS1W03	1215346
						SAS4-F028N3TS1W01	1214704
					PNP	SAS4-F028P3TS1W01	1212737
				600 mm	NPN	SAS4-F060N3PS1W07	1217811
			Parallel beam active	120 mm	PNP	SAS4-F012P3PS1W00	1208450
						SAS4-F012P3PS1W02	1215171
				280 mm	PNP	SAS4-F028P3PS1W00	1211906
				440 mm	NPN	SAS4-F044N3PS1W06	1218544

Optical light exit	Aluminum stabilizer	Configuration	Cross beam/parallel beam	Detection height	Switching output	Type	Part no.
Slim	With stabilizer	Teach-in button	Cross beam active	120 mm	PNP	SAS4-S012P3PS2T05	1211982
						SAS4-S012P3PS2T09	1213424
			Parallel beam active	120 mm	PNP	SAS4-S012P3PS2T00	1210494
				280 mm	PNP	SAS4-S028P3PS2T00	1210592
						SAS4-S028P3PS2T02	1215926
				440 mm	PNP	SAS4-S044P3PS2T00	1211573
						SAS4-S044P3TS2T00	1212689
				600 mm	PNP	SAS4-S060P3PS2T0A	1209782
		None	Cross beam active	280 mm	PNP	SAS4-S028P3TS2W0F	1216005
				440 mm	PNP	SAS4-S044P3TS2W01	1218216
						SAS4-S044P3TS2W0F	1220838
			Parallel beam active	120 mm	PNP	SAS4-S012P3PS2W04	1208464
				440 mm	PNP	SAS4-S044P3PS2W00	1211104
						SAS4-S044P3TS2W00	1219143
				600 mm	PNP	SAS4-S060P3PS2W0A	1209013
	Without stabilizer	Teach-in button	Cross beam active	280 mm	PNP	SAS4-S028P3PS1T01	1214138
				440 mm	NPN	SAS4-S044N3PS1T0D	1209170
					PNP	SAS4-S044P3PS1T01	1211165
				600 mm	NPN	SAS4-S060N3PS1T0D	1209171
Slim	Without stabilizer	Teach-in button	Cross beam active	600 mm	PNP	SAS4-S060P3PC1T01	1210509
						SAS4-S060P3PS1T01	1210508
						SAS4-S060P3PS1T0D	1210098
			Parallel beam active	120 mm	NPN	SAS4-S012N3PS1T00	1047009
					PNP	SAS4-S012P3PC1T00	1113785
						SAS4-S012P3PS1T00	1047364

Optical light exit	Aluminum stabilizer	Configuration	Cross beam/ parallel beam	Detection height	Switching output	Type	Part no.
				280 mm	NPN	SAS4-S028N3PS1T00	1207707
					PNP	SAS4-S028P3PS1T00	1047063
						SAS4-S028P3TS1T00	1113023
				440 mm	NPN	SAS4-S044N3PS1T00	1207708
					PNP	SAS4-S044P3PS1T00	1045019
				600 mm	NPN	SAS4-S060N3PC1T00	1221215
						SAS4-S060N3PS1T00	1207709
					PNP	SAS4-S060P3PS1T00	1047587
		None	Cross beam active	120 mm	PNP	SAS4-S012P3PS1W05	1221134
				280 mm	NPN	SAS4-S028N3PS1W0B	1119962
					PNP	SAS4-S028P3TS1W01	1212766
				440 mm	PNP	SAS4-S044P3PS1W05	1216994
						SAS4-S044P3PS1W07	1220419
				600 mm	NPN	SAS4-S060N3PS1W07	1219276
					PNP	SAS4-S060P3PS1W0D	1210099
			Parallel beam active	120 mm	NPN	SAS4-S012N3PS1W00	1047014
				280 mm	NPN	SAS4-S028N3PS1W00	1207704
					PNP	SAS4-S028P3PS1W00	1212471
						SAS4-S028P3TC1W02	1222177
				440 mm	NPN	SAS4-S044N3PS1W00	1207705
					PNP	SAS4-S044P3PS1W00	1209581
				600 mm	NPN	SAS4-S060N3PS1W00	1207706
						SAS4-S060N3PS1W02	1207752
					PNP	SAS4-S060P3PS1W00	1047525

- **Sub product family:** SAS
- **Operating range:** 7 m
- **Beam separation:** 40 mm

Optical light exit	Aluminum stabilizer	Configuration	Cross beam/parallel beam	Detection height	Switching output	Type	Part no.
Flat	Without stabilizer	None	Parallel beam active	120 mm	PNP	SAS4-F012P7PC1W0A	1214157
						SAS4-F012P7PS1W0A	1214158
Slim	With stabilizer	Teach-in button	Parallel beam active	120 mm	PNP	SAS4-S012P7PC2T0A	1214835
						SAS4-S012P7PS2T0A	1214834
				440 mm	PNP	SAS4-S044P7PC2T0A	1214833
						SAS4-S044P7PS2T0A	1214832
		None	Parallel beam active	120 mm	PNP	SAS4-S012P7PS2W0A	1215510
						SAS4-S044P7PC2W0A	1215507
				440 mm	PNP	SAS4-S044P7PS2W0A	1215506
	Without stabilizer	Teach-in button	Parallel beam active	440 mm	NPN	SAS4-S044N7PS1T00	1212438
					PNP	SAS4-S044P7PS1T00	1217729
		None	Cross beam active	280 mm	PNP	SAS4-S028P7PS1W01	1214753
				440 mm	PNP	SAS4-S044P7PS1W01	1214754
			Parallel beam active	120 mm	PNP	SAS4-S012P7PS1W0A	1215547
				440 mm	PNP	SAS4-S044P7PC1W0A	1215546
						SAS4-S044P7PS1W0A	1215545

- **Sub product family:** SGS
- **Operating range:** 7 m
- **Beam separation:** 40 mm

Optical light exit	Aluminum stabilizer	Configuration	Cross beam/parallel beam	Detection height	Switching output	Type	Part no.
Flat	With stabilizer	Teach-in button	Cross beam active	760 mm	PNP	SGS4-F076P7PS2T01	1113627
				1,240 mm	PNP	SGS4-F124P7PS2T01	1216886
				1,400 mm	PNP	SGS4-F140P7PS2T01	1210585
			Parallel beam active	600 mm	PNP	SGS4-F060P7PS2T00	1217200

Optical light exit	Aluminum stabilizer	Configuration	Cross beam/ parallel beam	Detection height	Switching output	Type	Part no.
Flat	With stabilizer	Teach-in button	Parallel beam active	760 mm	NPN	SGS4-F076E7PS2TA0	1212226
					PNP	SGS4-F076F7PS2TA0	1212270
				920 mm	PNP	SGS4-F092P7PC2T00	1221935
						SGS4-F092P7PS2T00	1209734
				1,080 mm	PNP	SGS4-F108P7PS2T00	1221936
				1,240 mm	PNP	SGS4-F124F7PS2T00	1220168
						SGS4-F124P7PS2T00	1216552
		None	Parallel beam active	600 mm	PNP	SGS4-F060P7PS2W00	1218379
						SGS4-F060P7TS2W00	1216873
				1,080 mm	PNP	SGS4-F108P7PS2W00	1212430

Optical light exit	Aluminum stabilizer	Configuration	Cross beam/ parallel beam	Detection height	Switch- ing output	Type	Part no.
	Without stabilizer	Teach-in button	Parallel beam active	920 mm	PNP	SGS4-F092P7PS1T00	1208151
				1,080 mm	PNP	SGS4-F108P7PS1T00	1047501
		None	Cross beam active	920 mm	PNP	SGS4-F092F7PC1W11	1215260
						SGS4-F092F7PS1W11	1215261
			Parallel beam active	600 mm	PNP	SGS4-F060P7PC1W00	1221047
						SGS4-F060P7PS1W00	1209723
						SGS4-F060P7PS1W02	1214855
						SGS4-F060P7PS1WS23	1071895
				760 mm	PNP	SGS4-F076P7PS1W00	1209287
				920 mm	NPN	SGS4-F092N7PS1W00	1209012
					PNP	SGS4-F092P7PC1W02	1216546
						SGS4-F092P7PS1W00	1047211
						SGS4-F092P7PS1W02	1213765
						SGS4-F092P7PS1WS22	1068077
					PNP	SGS4-F108P7PS1W00	1045010
						SGS4-F108P7PS1W02	1047500
				1,400 mm	NPN	SGS4-F140N7PS1W02	1218778
					PNP	SGS4-F140P7PC1W02	1214854
						SGS4-F140P7PS1W00	1045014
						SGS4-F140P7PS1W02	1211095
Slim	With stabilizer	Teach-in button	Cross beam active	760 mm	PNP	SGS4-S076P7PS2T03	1216477
				920 mm	PNP	SGS4-S092P7PS2T03	1216476
				1,080 mm	PNP	SGS4-S108P7PC2T09	1216724
						SGS4-S108P7PS2T03	1210883
						SGS4-S108P7PS2T09	1216723

Optical light exit	Aluminum stabilizer	Configuration	Cross beam/ parallel beam	Detection height	Switching output	Type	Part no.
				1,240 mm	PNP	SGS4-S124P7PS2T03	1221914
				1,400 mm	PNP	SGS4-S140P7PS2T03	1210782
				600 mm	PNP	SGS4-S060P7PS2T00	1215363
				920 mm	PNP	SGS4-S092P7TC2T00	1217024
						SGS4-S092P7TS2T00	1217023
				1,400 mm	PNP	SGS4-S140P7PS2T00	1208241
		None	Cross beam active	600 mm	NPN	SGS4-S060N7PS2W01	1209875
				1,080 mm	PNP	SGS4-S108F7TS2W17	1209503
			Parallel beam active	1,400 mm	PNP	SGS4-S140P7PS2W00	1211751
						SGS4-S140P7PS2W02	1211963
	Without stabilizer	Teach-in button	Cross beam active	1,080 mm	PNP	SGS4-S108P7PC1T07	1212305
						SGS4-S108P7PS1T07	1212304
			Parallel beam active	600 mm	PNP	SGS4-S060P7PS1T00	1210569
				760 mm	NPN	SGS4-S076N7PS1T00	1209741
					PNP	SGS4-S076P7PC1T0A	1215360
						SGS4-S076P7PS1T00	1211689
						SGS4-S076P7PS1T0A	1215361
				920 mm	PNP	SGS4-S092P7PS1T00	1208200
				1,080 mm	PNP	SGS4-S108F7PS1T00	1216895
						SGS4-S108F7TS1T00	1216897
						SGS4-S108P7PC1T00	1214159
Slim	Without stabilizer	Teach-in button	Parallel beam active	1,080 mm	PNP	SGS4-S108P7PC1T0A	1214836
						SGS4-S108P7PS1T00	1209457
						SGS4-S108P7PS1T0A	1214837
				1,400 mm	PNP	SGS4-S140F7PS1T00	1047077

Optical light exit	Aluminum stabilizer	Configuration	Cross beam/ parallel beam	Detection height	Switch- ing output	Type	Part no.
		None	Cross beam active			SGS4- S140F7PS1TA0	1211383
				600 mm	PNP	SGS4- S060P7PS1W01	1214772
				920 mm	PNP	SGS4- S092F7PC1W11	1215259
						SGS4- S092F7PS1W11	1215258
				1,080 mm	PNP	SGS4- S108P7PC1W07	1212343
						SGS4- S108P7PS1W07	1212344

Optical light exit	Aluminum stabilizer	Configuration	Cross beam/ parallel beam	Detection height	Switching output	Type	Part no.
				1,240 mm	PNP	SGS4-S124P7PC1W07	1212462
						SGS4-S124P7PS1W07	1212463
			Parallel beam active	600 mm	PNP	SGS4-S060P7PS1W00	1209722
				760 mm	PNP	SGS4-S076P7PS1W00	1209288
						SGS4-S076P7TC1W02	1211306
						SGS4-S076P7TS1W02	1212927
				920 mm	PNP	SGS4-S092P7PS1W00	1208596
						SGS4-S092P7TC1W02	1211305
						SGS4-S092P7TS1W02	1212928
				1,080 mm	PNP	SGS4-S108F7PC1WA0	1216893
						SGS4-S108F7PC1WA4	1216894
						SGS4-S108F7PS1WA4	1216896
						SGS4-S108P7PC1W00	1216898
						SGS4-S108P7PC1W0A	1215509
						SGS4-S108P7PS1W00	1045009
						SGS4-S108P7PS1W0A	1215508
						SGS4-S108P7TS1W02	1106095
				1,400 mm	PNP	SGS4-S140P7PS1W00	1045013
						SGS4-S140P7TC1W02	1213243
						SGS4-S140P7TS1W02	1213242

- **Sub product family:** SGS
- **Operating range:** 3 m
- **Beam separation:** 40 mm

Optical light exit	Aluminum stabilizer	Configuration	Cross beam/parallel beam	Detection height	Switching output	Type	Part no.
Flat	With stabilizer	Teach-in button	Cross beam active	600 mm	PNP	SGS4-F060P3PS2T03	1209955
				920 mm	PNP	SGS4-F092P3PS2T01	1219326
				1,080 mm	PNP	SGS4-F108P3PS2T01	1207780
						SGS4-F108P3PS2T03	1217445
						SGS4-F108P3TS2T01	1212533
				1,240 mm	PNP	SGS4-F124P3TS2T01	1214074
				1,400 mm	PNP	SGS4-F140P3TS2T01	1214075
			Parallel beam active	920 mm	NPN	SGS4-F092N3PS2T00	1212947
					PNP	SGS4-F092P3PS2T00	1217733
				1,240 mm	PNP	SGS4-F124P3PS2T00	1048038
				1,400 mm	PNP	SGS4-F140P3PS2T00	1208809
		None	Cross beam active	760 mm	NPN	SGS4-F076E3PS2W03	1211230
			Parallel beam active	920 mm	PNP	SGS4-F092P3PS2W0E	1216882
Flat	With stabilizer	None	Parallel beam active	1,080 mm	PNP	SGS4-F108P3PS2W02	1221834
						SGS4-F108P3PS2W04	1216770
						SGS4-F108P3PS2W0C	1216883
				1,240 mm	PNP	SGS4-F124P3PS2W00	1216884
						SGS4-F124P3PS2W0C	1216885
				1,400 mm	PNP	SGS4-F140P3PS2W02	1219372
						SGS4-F140P3PS2W0C	1216887
						SGS4-F140P3PS2WS40	1089786
	Without stabilizer	Teach-in button	Cross beam active	920 mm	NPN	SGS4-F092N3PS1T03	1220768
					PNP	SGS4-F092P3PS1T0D	1211195

Optical light exit	Aluminum stabilizer	Configuration	Cross beam/ parallel beam	Detection height	Switching output	Type	Part no.
			Parallel beam active	760 mm	NPN	SGS4-F076N3CS1T00	1208793
						SGS4-F076N3PS1T00	1208788
				920 mm	NPN	SGS4-F092N3CS1T00	1208794
						SGS4-F092N3PS1T00	1210021
				1,080 mm	PNP	SGS4-F108P3PS1T00	1214282
		None	Cross beam active	600 mm	PNP	SGS4-F060P3TS1W01	1219158
				760 mm	NPN	SGS4-F076N3PC1W01	1214793
						SGS4-F076N3PS1W01	1214758
						SGS4-F076N3TS1W01	1214703
					PNP	SGS4-F076P3TS1W01	1219155
				1,400 mm	PNP	SGS4-F140P3PS1W03	1218519
			Parallel beam active	760 mm	PNP	SGS4-F076F3PS1W14	1209181
				920 mm	NPN	SGS4-F092N3PS1W04	1217539
					PNP	SGS4-F092P3PS1W00	1216881
				1,080 mm	NPN	SGS4-F108N3PS1W04	1217540
					PNP	SGS4-F108P3PS1W00	1045008
				1,240 mm	NPN	SGS4-F124N3PS1W06	1218543
				1,400 mm	NPN	SGS4-F140N3PS1W02	1218777
						SGS4-F140N3PS1W06	1219275
					PNP	SGS4-F140P3PS1W00	1045012

Optical light exit	Aluminum stabilizer	Configuration	Cross beam/ parallel beam	Detection height	Switch- ing output	Type	Part no.
Slim	With stabilizer	Teach-in button	Cross beam active	600 mm	PNP	SGS4-S060P3PS2T07	1214022
				920 mm	PNP	SGS4-S092P3PS2T07	1211757
				1,080 mm	PNP	SGS4-S108P3PS2T03	1210418
						SGS4-S108P3PS2T07	1207519
				1,240 mm	PNP	SGS4-S124P3PC2T07	1212489
						SGS4-S124P3PS2T07	1212490
				1,400 mm	NPN	SGS4-S140N3TS2T03	1112709
	With stabilizer	Teach-in button	Cross beam active	1,400 mm	PNP	SGS4-S140P3TS2T03	1215613
			Parallel beam active	600 mm	PNP	SGS4-S060P3PS2T00	1213187
				760 mm	PNP	SGS4-S076P3PS2T00	1216327
					PNP	SGS4-S076P3TS2T00	1219142
				920 mm	PNP	SGS4-S092P3PS2T00	1208108
						SGS4-S092P3TS2T02	1212061
Slim	With stabilizer	Teach-in button	Parallel beam active	1,080 mm	PNP	SGS4-S108P3TS2T00	1221852
				1,240 mm	PNP	SGS4-S124P3PS2T00	1211293
				1,400 mm	PNP	SGS4-S140P3PS2T00	1208109
		None	Cross beam active	600 mm	PNP	SGS4-S060P3PS2W0F	1215269
						SGS4-S060P3TS2W0F	1215352
				760 mm	PNP	SGS4-S076P3PS2W0F	1215270
						SGS4-S076P3TS2W0F	1215353
				1,080 mm	PNP	SGS4-S108P3PS2W01	1211250
						SGS4-S108P3PS2W03	1211901
				1,240 mm	PNP	SGS4-S124P3PS2W01	1211391

Optical light exit	Aluminum stabilizer	Configuration	Cross beam/ parallel beam	Detection height	Switch- ing output	Type	Part no.		
			Parallel beam active			SGS4-S124P3PS2W05	1211392		
				600 mm	PNP	SGS4-S060P3PS2W00	1216890		
				760 mm	PNP	SGS4-S076P3PC1WS35	1077735		
						SGS4-S076P3PS2W00	1209927		
						SGS4-S076P3PS2W0C	1216891		
						SGS4-S076P3TS2W00	1219141		
				920 mm	PNP	SGS4-S092P3PS2W00	1214817		
						SGS4-S092P3PS2W04	1209924		
				1,080 mm	PNP	SGS4-S108P3PS2W04	1216918		
						SGS4-S108P3PS2W06	1217486		
				1,240 mm	PNP	SGS4-S124P3PS2W00	1047815		
						SGS4-S124P3PS2W04	1047903		
						SGS4-S124P3PS2W0C	1216900		
				1,400 mm	PNP	SGS4-S140P3PS2W00	1216901		
				Without stabilizer	Teach-in button	Cross beam active	760 mm	PNP	SGS4-S076P3PS1T0D
	920 mm	PNP	SGS4-S092P3PS1T01				1215420		
	1,080 mm	PNP	SGS4-S108P3PS1T07				1211642		
	1,240 mm	NPN	SGS4-S124N3PS1T0D				1209172		
	1,400 mm	PNP	SGS4-S140P3PS1T0D				1211269		
	Parallel beam active	600 mm	NPN			SGS4-S060N3PS1T00	1210029		
	Slim	Without stabilizer	Teach-in button			Parallel beam active	600 mm	PNP	SGS4-S060F3PS1T00
SGS4-S060F3TS1T00									1219785
SGS4-S060F3TS1T12				1219920					
760 mm				NPN		SGS4-S076N3PS1T00	1210030		
				PNP		SGS4-S076P3PS1T00	1047092		

Optical light exit	Aluminum stabilizer	Configuration	Cross beam/ parallel beam	Detection height	Switch- ing output	Type	Part no.
				920 mm	PNP	SGS4-S092P3PS1T00	1208201
				1,080 mm	NPN	SGS4-S108N3PS1T00	1208155
					PNP	SGS4-S108F3PC1T00	1217939
						SGS4-S108P3PS1T00	1209472
				1,240 mm	PNP	SGS4-S124P3PS1T00	1216899
				1,400 mm	PNP	SGS4-S140P3PS1T00	1047015
		None	Cross beam active	600 mm	PNP	SGS4-S060P3TS1W01	1218109
				760 mm	NPN	SGS4-S076N3PS1W05	1217542
					PNP	SGS4-S076P3PS1W01	1211895
						SGS4-S076P3TS1W01	1217734
						SGS4-S076P3TS1W03	1218243
				920 mm	PNP	SGS4-S092P3PS1W05	1216892
				1,080 mm	PNP	SGS4-S108P3PC1W01	1217451
						SGS4-S108P3PS1W01	1211249
			Parallel beam active	600 mm	PNP	SGS4-S060F3PS1W14	1217672
						SGS4-S060P3PS1W00	1216889
				760 mm	PNP	SGS4-S076F3PS1W14	1217673
						SGS4-S076P3PC1W0A	1216199
						SGS4-S076P3PS1W00	1046966
						SGS4-S076P3PS1W0A	1216200
						SGS4-S076P3PS1WS34	1077734
				1,080 mm	PNP	SGS4-S108P3PS1W00	1045007
						SGS4-S108P3PS1W02	1209567
						SGS4-S108P3PS1W82	1045017
				1,400 mm	PNP	SGS4-S140P3PS1W00	1045011

- **Sub product family:** SPL
- **Operating range:** 1.5 m
- **Beam separation:** 40 mm

Optical light exit	Aluminum stabilizer	Configuration	Cross beam/ parallel beam	Detection height	Switch- ing output	Type	Part no.
Flat	With stabilizer	None	Cross beam active	280 mm	PNP	SPL-F280PTS2W05	1211251
			Parallel beam active	120 mm	PNP	SPL-F120PPC2W04	1211690
						SPL-F120PPS2W04	1047344
						SPL-F120PTS2W04	1212775
						SPL-F280PPC2W04	1211691
						SPL-F280PPS2W04	1046996
						SPL-F280PTC2W04	1212649
						SPL-F280PTS2W04	1212648
		None	Parallel beam active	440 mm	PNP	SPL-F440PPC2W04	1211692
						SPL-F440PPS2W04	1211300
						SPL-F440PTS2W04	1213728
	Without stabilizer	None	Cross beam active	280 mm	PNP	SPL-F280PPS1W05	1215336
			Parallel beam active	120 mm	NPN	SPL-F120NPS1W04	1208550
					PNP	SPL-F120PPC1W04	1208391
						SPL-F120PPS1W04	1046128
						SPL-F120PTC1W04	1214312
				280 mm	PNP	SPL-F280PPS1W04	1046764
						SPL-F280PTC1W04	1210776
				440 mm	NPN	SPL-F440NPS1W04	1220891
					PNP	SPL-F440PPS1W04	1046314

Optical light exit	Aluminum stabilizer	Configuration	Cross beam/ parallel beam	Detection height	Switch- ing output	Type	Part no.
Slim	With stabilizer	None	Cross beam active	280 mm	PNP	SPL-S280PPS2W05	1212183
						SPL-S280PTS2W05	1211386
			Parallel beam active	120 mm	PNP	SPL-S120PPS2W04	1211239
						SPL-S120PTS2W04	1213729
				280 mm	PNP	SPL-S280PPS2W04	1209197
						SPL-S280PTC2W04	1212659
						SPL-S280PTS2W04	1212658
				440 mm	PNP	SPL-S440PPS2W04	1045018
						SPL-S440PTS2W04	1213730
	Without stabilizer	None	Parallel beam active	120 mm	NPN	SPL-S120NPS1W04	1213983
					PNP	SPL-S120PPC1W04	1211282
						SPL-S120PPS1W04	1046127
				280 mm	PNP	SPL-S280PPC1W04	1215571
						SPL-S280PPS1W04	1046763
						SPL-S280PTC1W04	1213545
						SPL-S280PTS1W04	1213544
				440 mm	NPN	SPL-S440NPS1W04	1047365
					PNP	SPL-S440PPS1W04	1046312

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