



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 | Parameterization | Cross beam/parallel beam | Detection height | Switching output | Type | Part no. | |
|----------------------|----------------------|--------------------|--------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Flat | With stabilizer | – | Cross beam active | 280 mm | PNP | SAS4-F028P3PS2T01 | 1108417 | |
| | | | | 120 mm | PNP | SAS4-F012P3PS2T00 | 1222131 | |
| | | Teach-in button | Parallel beam active | 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 |
| | | 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 | Teach-in button | 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 | |

| Optical light exit | Aluminum stabilizer | Parameterization | Cross beam/parallel beam | Detection height | Switching output | Type | Part no. | | | |
|--------------------|---------------------|-------------------|--------------------------|------------------|------------------|--------------------|-------------------|---------|-------------------|---------|
| | | | | 280 mm | PNP | SAS4-F012P3PS1T00 | 1207475 | | | |
| | | | | | NPN | SAS4-F028N3PC1T00 | 1217241 | | | |
| | | | | 440 mm | NPN | SAS4-F028N3PS1T00 | 1208786 | | | |
| | | | | | PNP | SAS4-F028P3PS1T00 | 1208171 | | | |
| | | | | | NPN | SAS4-F044N3CS1TS42 | 1109979 | | | |
| | | | | | NPN | SAS4-F044N3PS1T00 | 1207761 | | | |
| | | | | 600 mm | PNP | SAS4-F044P3PS1T00 | 1045020 | | | |
| | | | | | PNP | SAS4-F044P3PS1T02 | 1218911 | | | |
| | | | | | 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 | | |
| | | 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 | Parameterization | 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 | |
| | | | PNP | | SAS4-S060P3PC1T01 | 1210509 | | |
| | | | Slim | Without stabilizer | Teach-in button | Cross beam active | 600 mm | PNP |
| | SAS4-S060P3PS1T0D | 1210098 | | | | | | |
| | Parallel beam active | 120 mm | | | | NPN | SAS4-S012N3PS1T00 | 1047009 |
| PNP | | | | | | SAS4-S012P3PC1T00 | 1113785 | |
| SAS4-S012P3PS1T00 | | 1047364 | | | | | | |

| Optical light exit | Aluminum stabilizer | Parameterization | 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 |
| | | | | | | | NPN | SAS4-S028N3PS1W0B | 1119962 |
| | | | | | | | | PNP | SAS4-S028P3PS1W07 |
| | | | | | | 280 mm | PNP | SAS4-S028P3TS1W01 | 1212766 |
| | | SAS4-S044P3PS1W05 | 1216994 | | | | | | |
| | | SAS4-S044P3PS1W07 | 1220419 | | | | | | |
| | | 440 mm | NPN | | | SAS4-S060N3PS1W07 | 1219276 | | |
| | | | | | | PNP | SAS4-S060P3PS1W0D | 1210099 | |
| | | 600 mm | NPN | | | SAS4-S012N3PS1W00 | 1047014 | | |
| | | | | | | NPN | SAS4-S028N3PS1W00 | 1207704 | |
| | | | | | | | PNP | SAS4-S028P3PS1W00 | 1212471 |
| | | 440 mm | NPN | | | SAS4-S028P3TC1W02 | 1222177 | | |
| | | | | NPN | SAS4-S044N3PS1W00 | 1207705 | | | |
| | | | | | PNP | SAS4-S044P3PS1W00 | 1209581 | | |
| | | 600 mm | NPN | SAS4-S060N3PS1W00 | 1207706 | | | | |
| | | | | NPN | SAS4-S060N3PS1W02 | 1207752 | | | |
| PNP | SAS4-S060P3PS1W00 | | | | 1047525 | | | | |

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

| Optical light exit | Aluminum stabilizer | Parameterization | 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 | |
| | | | | 440 mm | PNP | SAS4-S044P7PC2W0A | 1215507 | |
| | | 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 | Parameterization | 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 | Parameterization | 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-F060P7TS2W00 | 1216873 | | | | |
| | | 1,080 mm | PNP | | | SGS4-F108P7PS2W00 | 1212430 |

| Optical light exit | Aluminum stabilizer | Parameterization | Cross beam/parallel beam | Detection height | Switching 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 | | | |
| | | | 1,080 mm | PNP | | SGS4-F108P7PS1W00 | 1045010 | | |
| | | | | | | SGS4-F108P7PS1W02 | 1047500 | | |
| | | | | | | 1,400 mm | NPN | SGS4-F140N7PS1W02 | 1218778 |
| | | | | | PNP | | | SGS4-F140P7PC1W02 | 1214854 |
| | | | SGS4-F140P7PS1W00 | 1045014 | | | | | |
| | | | SGS4-F140P7PS1W02 | 1211095 | | | | | |
| | | 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 | | | | | | | | |
| SGS4-S108P7PS2T09 | 1216723 | | | | | | | | |

| Optical light exit | Aluminum stabilizer | Parameterization | Cross beam/parallel beam | Detection height | Switching output | Type | Part no. | | |
|--------------------|---------------------|-------------------|--------------------------|------------------|----------------------|-------------------|-------------------|-------------------|---------|
| | | | Parallel beam active | 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 | |
| | | | 1,400 mm | | Parallel beam active | PNP | SGS4-S140P7PS2W00 | 1211751 | |
| | | | | | | PNP | SGS4-S140P7PS2W02 | 1211963 | |
| | | | Without stabilizer | Teach-in button | Cross beam active | 1,080 mm | PNP | SGS4-S108P7PC1T07 | 1212305 |
| | | | | | | | PNP | 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 | Parameterization | Cross beam/parallel beam | Detection height | Switching output | Type | Part no. |
|--------------------|---------------------|------------------|--------------------------|------------------|------------------|-------------------|----------|
| | | | | | | SGS4-S140F7PS1TA0 | 1211383 |
| | | None | Cross beam active | 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 | Parameterization | 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-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 | Parameterization | 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 | 600 mm | PNP | SGS4-F060P3PS2W07 | 1119232 | | | |
| | | | | 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 |

| Optical light exit | Aluminum stabilizer | Parameterization | Cross beam/parallel beam | Detection height | Switching output | Type | Part no. |
|--------------------|---------------------|------------------|--------------------------|----------------------|-------------------|-------------------|-------------------|
| | | None | Parallel beam active | 760 mm | PNP | SGS4-F092P3PS1T0D | 1211195 |
| | | | | | NPN | SGS4-F076N3CS1T00 | 1208793 |
| | | | | 920 mm | NPN | SGS4-F076N3PS1T00 | 1208788 |
| | | | | | | SGS4-F092N3CS1T00 | 1208794 |
| | | | | 1,080 mm | PNP | SGS4-F092N3PS1T00 | 1210021 |
| | | | | | | SGS4-F108P3PS1T00 | 1214282 |
| | | | Cross beam active | 600 mm | PNP | SGS4-F060P3TS1W01 | 1219158 |
| | | | | | NPN | SGS4-F076N3PC1W01 | 1214793 |
| | | | | SGS4-F076N3PS1W01 | | 1214758 | |
| | | | | SGS4-F076N3TS1W01 | | 1214703 | |
| | | 1,400 mm | | PNP | SGS4-F076P3TS1W01 | 1219155 | |
| | | | | PNP | SGS4-F140P3PS1W03 | 1218519 | |
| | | | | Parallel beam active | 760 mm | PNP | SGS4-F076F3PS1W14 |
| | | 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 | Parameterization | Cross beam/parallel beam | Detection height | Switching 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 | |
| | | | | | PNP | SGS4-S140P3TS2T03 | 1215613 | |
| | With stabilizer | Teach-in button | Parallel beam active | 600 mm | PNP | SGS4-S060P3PS2T00 | 1213187 | |
| | | | | 760 mm | PNP | SGS4-S076P3PS2T00 | 1216327 | |
| | | | | | | SGS4-S076P3TS2T00 | 1219142 | |
| | | | | 920 mm | PNP | SGS4-S092P3PS2T00 | 1208108 | |
| | | | | | | SGS4-S092P3TS2T02 | 1212061 | |
| | | | | 1,080 mm | PNP | SGS4-S108P3TS2T00 | 1221852 | |
| Slim | With stabilizer | Teach-in button | Parallel beam active | 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 | | | | |
| | | 920 mm | PNP | SGS4-S092F3TS2W11 | 1123567 | | | |
| | | 1,080 mm | PNP | SGS4-S108P3PS2W01 | 1211250 | | | |
| | | | | SGS4-S108P3PS2W03 | 1211901 | | | |
| | | 1,240 mm | PNP | SGS4-S124P3PS2W01 | 1211391 | | | |

| Optical light exit | Aluminum stabilizer | Parameterization | Cross beam/parallel beam | Detection height | Switching 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 | | | |
| | | | | | | | | SGS4-S092P3PS2W00 | 1214817 | | | |
| | | | | | | 920 mm | PNP | SGS4-S092P3PS2W04 | 1209924 | | | |
| | | | | | | | | SGS4-S108P3PS2W04 | 1216918 | | | |
| | | | | | | 1,080 mm | PNP | SGS4-S108P3PS2W06 | 1217486 | | | |
| | | | | | | | | SGS4-S124P3PS2W00 | 1047815 | | | |
| | | | | | | 1,240 mm | PNP | SGS4-S124P3PS2W04 | 1047903 | | | |
| | | | | | | | | SGS4-S124P3PS2W0C | 1216900 | | | |
| | | | | | | | | SGS4-S140P3PS2W00 | 1216901 | | | |
| | | | | | | Without stabilizer | Teach-in button | Cross beam active | 760 mm | PNP | SGS4-S076P3PS1T0D | 1211268 |
| | | | | | | | | | 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 |
| | 600 mm | NPN | SGS4-S060N3PS1T00 | 1210029 | | | | | | | | |
| Parallel beam active | | | | | | | | | | | | |
| Slim | Without stabilizer | Teach-in button | Parallel beam active | 600 mm | PNP | SGS4-S060F3PS1T00 | 1216888 | | | | | |
| | | | | | | SGS4-S060F3TS1T00 | 1219785 | | | | | |
| | | | | | | SGS4-S060F3TS1T12 | 1219920 | | | | | |
| | | | | | | 760 mm | NPN | SGS4-S076N3PS1T00 | 1210030 | | | |
| | | | | | | PNP | SGS4-S076P3PS1T00 | 1047092 | | | | |
| | | | | | | | | | | | | |

| Optical light exit | Aluminum stabilizer | Parameterization | Cross beam/parallel beam | Detection height | Switching 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
- **Parameterization:** none

| Optical light exit | Aluminum stabilizer | Cross beam/ parallel beam | Detection height | Switching output | Type | Part no. |
|--------------------|---------------------|------------------------------|------------------|------------------|-----------------|----------|
| Flat | With stabilizer | Cross beam active | 280 mm | PNP | SPL-F280PTS2W05 | 1211251 |
| | | | 120 mm | PNP | SPL-F120PPC2W04 | 1211690 |
| | | Parallel beam active | 280 mm | PNP | SPL-F120PPS2W04 | 1047344 |
| | | | | PNP | SPL-F120PTS2W04 | 1212775 |
| | | | | PNP | SPL-F280PPC2W04 | 1211691 |
| | | | PNP | SPL-F280PPS2W04 | 1046996 | |
| | | | PNP | SPL-F280PTC2W04 | 1212649 | |
| | | | PNP | SPL-F280PTS2W04 | 1212648 | |
| | | 440 mm | PNP | SPL-F440PPC2W04 | 1211692 | |
| | | | PNP | SPL-F440PPS2W04 | 1211300 | |
| | PNP | | SPL-F440PTS2W04 | 1213728 | | |
| | Without stabilizer | Cross beam active | 280 mm | PNP | SPL-F280PPS1W05 | 1215336 |
| | | | 120 mm | NPN | SPL-F120NPS1W04 | 1208550 |
| | | PNP | | SPL-F120PPC1W04 | 1208391 | |
| | | PNP | | SPL-F120PPS1W04 | 1046128 | |
| | | PNP | | SPL-F120PTC1W04 | 1214312 | |
| | | 280 mm | PNP | SPL-F280PPS1W04 | 1046764 | |
| | | | PNP | SPL-F280PTC1W04 | 1210776 | |
| | | 440 mm | NPN | SPL-F440NPS1W04 | 1220891 | |
| | | | PNP | SPL-F440PPS1W04 | 1046314 | |

| Optical light exit | Aluminum stabilizer | Cross beam/ parallel beam | Detection height | Switching output | Type | Part no. | |
|--------------------|---------------------|------------------------------|----------------------|------------------|-----------------|-----------------|---------|
| Slim | With stabilizer | 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 | |
| | | | 440 mm | PNP | SPL-S280PTS2W04 | 1212658 | |
| | | | | | SPL-S440PPS2W04 | 1045018 | |
| | | Without stabilizer | Parallel beam active | 120 mm | NPN | SPL-S120NPS1W04 | 1213983 |
| | | | | | PNP | SPL-S120PPC1W04 | 1211282 |
| | 280 mm | | | PNP | SPL-S120PPS1W04 | 1046127 | |
| | | | | | SPL-S280PPC1W04 | 1215571 | |
| | | | | | SPL-S280PPS1W04 | 1046763 | |
| | | | | | SPL-S280PTC1W04 | 1213545 | |
| | 440 mm | | | PNP | SPL-S280PTS1W04 | 1213544 | |
| | | | | | NPN | SPL-S440NPS1W04 | 1047365 |
| | | | | PNP | SPL-S440PPS1W04 | 1046312 | |

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