



G10

Powerful detection, smart installation - down to the last detail

PHOTOELECTRIC SENSORS

SICK
Sensor Intelligence.



Technical data overview

| | |
|-------------------------------|---|
| Dimensions (W x H x D) | 20 mm x 50 mm x 39 mm 20 mm x 50 mm x 51.5 mm |
| Sensing range max. | 20 mm ... 950 mm ¹⁾ 20 mm ... 1,200 mm ¹⁾ 20 mm ... 1,700 mm ¹⁾ 20 mm ... 1,600 mm ¹⁾ 20 mm ... 1,300 mm ¹⁾ 20 mm ... 2,000 mm ¹⁾ 0.08 m ... 15 m ²⁾ 0.08 m ... 12 m ³⁾ 0.08 m ... 12.5 m ³⁾ 0.15 m ... 17 m ²⁾ 0.15 m ... 12.5 m ³⁾ 0.15 m ... 12 m ²⁾ 0.15 m ... 10 m ³⁾ 0.1 m ... 8 m ²⁾ 0.1 m ... 6.4 m ³⁾ 0.15 m ... 5 m ⁴⁾ 0 m ... 40 m 0 m ... 80 m |
| Light source | PinPoint LED / LED (depending on type) |
| Type of light | Visible red light / Infrared light (depending on type) |
| Enclosure rating | IP67 |
| Housing material | Plastic ABS/PMMA |
| Adjustment | Potentiometer, 5 turns Fix Potentiometer, 270° None |

¹⁾ Object with 90 % reflectance (referred to standard white, DIN 5033).

²⁾ Reflector PL80A.

³⁾ Reflector P250.

⁴⁾ Reflective tape REF-IRF-56.

Product description

The G10 product family is characterized by optimum detection performance wherever space is at a premium. It supports numerous different options for optics, electronics, principles of operation, power supplies, and switching outputs. Combined with an extensive range of accessories, these sensors are able to support a wide variety of applications. The patented Q-Lock assembly system for the G10 reduces the time required to install and align the sensor with an assembly rod to just a few seconds, making this the ideal product for logistics applications. Summary: The G10 product family provides quick and flexible sensor installation, ensures error-free operation, and keeps costs under control.

At a glance

- Long sensing ranges: 1,200 mm with background suppression; 15 m on PL80A reflector
- PinPoint LED with bright and precise light spot
- Small housing design
- 10 ... 30 VDC or 24 ... 240 VAC/VDC power supply with PNP/NPN or relay output
- Rugged sensor housing with metal-reinforced holes for assembly
- Q-Lock assembly system for mounting the sensor within a few seconds

Your benefits

- Long sensing ranges for maximum operating reserves
- Efficient installation: The G10 and the Q-Lock assembly system save valuable hours when mounting and commissioning multiple sensors
- A single sensor family for all industrial and commercial fields of application
- Universal DC or AC/DC power supply for even greater application flexibility
- Highly reliable and durable despite optical interference or mechanical loads
- Wide range of accessories simplifies sensor integration: aids for assembly, connecting cables, and reflectors

Fields of application

- Logistics: Storage & Conveyor, especially pallet detection
- Machine builders (e.g. packaging, handling, wood processing, paper)
- Automotive
- Automated car park systems
- Doors and gates
- Distribution

Ordering information

Other models and accessories → www.sick.com/G10

- **Sensor principle:** Photoelectric proximity sensor
- **Detection principle:** Background suppression
- **Light source:** PinPoint LED
- **Voltage type:** DC
- **Switching mode:** Light/dark switching
- **Type of light:** visible red light

| Sensing range max. | Switching output | Adjustment | Connection type | Type | Part no. |
|--------------------|------------------|---------------|--|----------------|----------|
| 20 mm ... 950 mm | NPN | Potentiometer | Cable, 3-wire, 2 m ¹⁾ | GTB10-N1211 | 1065858 |
| | | | | GTB10-N1212 | 1065859 |
| | | | Male connector M12, 4-pin | GTB10-N4211 | 1065860 |
| | | | | GTB10-N4212 | 1065861 |
| | PNP | Potentiometer | Cable with M12 male connector, 4-pin, 1,200 mm | GTB10-P7211S06 | 1082828 |
| | | | Cable with M12 male connector, 4-pin, 2,500 mm ¹⁾ | GTB10-P7211S15 | 1109629 |
| | | | Cable with M12 male connector, 4-pin, 300 mm ¹⁾ | GTB10-P7211 | 1068091 |
| | | | | GTB10-P7211P11 | 2099256 |
| | | | Cable, 3-wire, 2 m ¹⁾ | GTB10-P1011S19 | 1110712 |
| | | | | GTB10-P1211 | 1065854 |
| | | | | GTB10-P1212 | 1065856 |
| | | | Cable, 3-wire, 5 m ¹⁾ | GTB10-P8211 | 1070559 |
| | | | Male connector M12, 4-pin | GTB10-P4210P05 | 1088586 |
| | | | | GTB10-P4210P10 | 1090375 |
| | | | | GTB10-P4211 | 1064694 |
| | | | | GTB10-P4212 | 1065857 |
| | | | | GTB10-P4214 | 1071686 |

¹⁾ Do not bend below 0 °C.

- **Sensor principle:** Photoelectric proximity sensor
- **Detection principle:** Background suppression
- **Light source:** LED
- **Voltage type:** DC
- **Switching mode:** Light/dark switching
- **Type of light:** Infrared light

| Sensing range max. | Switching output | Adjustment | Connection type | Type | Part no. |
|--------------------|------------------|---------------|--|----------------|----------|
| 20 mm ... 1,200 mm | NPN | Potentiometer | Cable, 3-wire, 2 m ¹⁾ | GTB10-N1221 | 1108635 |
| | PNP | Potentiometer | Cable with connector M8, 3-pin, 150 mm ¹⁾ | GTB10-P5221S21 | 1111570 |
| | | | Cable, 3-wire, 2 m ¹⁾ | GTB10-P1221 | 1064695 |
| | | | Male connector M12, 4-pin | GTB10-P4221 | 1081296 |
| 20 mm ... 1,700 mm | PNP | Potentiometer | Male connector M12, 4-pin | GTB10-P4201S22 | 1112671 |

¹⁾ Do not bend below 0 °C.

- **Sensor principle:** Photoelectric proximity sensor
- **Detection principle:** Background suppression
- **Light source:** PinPoint LED
- **Voltage type:** DC
- **Switching mode:** Dark switching
- **Type of light:** visible red light

| Sensing range max. | Switching output | Adjustment | Connection type | Type | Part no. |
|--------------------|------------------|---------------|--|----------------|----------|
| 20 mm ... 1,600 mm | PNP | Potentiometer | Male connector M12, 4-pin | GTB10-P4631S13 | 1102412 |
| 20 mm ... 950 mm | PNP | Potentiometer | Cable with connector M8, 3-pin, 150 mm | GTB10-P0611S09 | 1086560 |
| | | | Male connector M12, 4-pin | GTB10-P4001S23 | 1122172 |
| | | | | GTB10-P4611S03 | 1069042 |

- **Sensor principle:** Photoelectric proximity sensor
- **Detection principle:** Background suppression
- **Light source:** LED
- **Voltage type:** DC
- **Switching mode:** Light switching
- **Type of light:** Infrared light

| Sensing range max. | Switching output | Adjustment | Connection type | Type | Part no. |
|--------------------|------------------|---------------|--|----------------|----------|
| – | PNP | None | Cable with connector, JST EHR-6, 6-pin, 350 mm ¹⁾ | GTB10-P0421S07 | 1083158 |
| 20 mm ... 1,200 mm | PNP | Potentiometer | Male connector M12, 4-pin | GTB10-F4421 | 1115948 |

¹⁾ Do not bend below 0 °C.

- **Sensor principle:** Photoelectric proximity sensor
- **Detection principle:** Background suppression
- **Light source:** PinPoint LED
- **Voltage type:** DC
- **Switching mode:** Light switching
- **Type of light:** visible red light

| Sensing range max. | Switching output | Adjustment | Connection type | Type | Part no. |
|--------------------|------------------|---------------|--|----------------|----------|
| 20 mm ... 1,600 mm | PNP | Potentiometer | Cable with M12 male connector, 4-pin, 300 mm ¹⁾ | GTB10-F7431S14 | 1107223 |
| | | | Male connector M12, 4-pin | GTB10-F4431S12 | 1102277 |
| 20 mm ... 950 mm | NPN | Potentiometer | Cable, 3-wire, 2 m ¹⁾ | GTB10-N1411S02 | 1066853 |
| | PNP | Potentiometer | Cable with M12 male connector, 4-pin, 300 mm ¹⁾ | GTB10-P7411S08 | 1084653 |
| | | | | GTB10-F4411 | 1089223 |
| | | | | GTB10-F4412 | 1089224 |
| | | | | GTB10-P4401P04 | 1082388 |
| | | | | GTB10-P4401S05 | 1082228 |
| | | | | GTB10-P4411P03 | 1079318 |
| | | | | GTB10-P4411S01 | 1066852 |

¹⁾ Do not bend below 0 °C.

- **Sensor principle:** Photoelectric proximity sensor
- **Detection principle:** Background suppression
- **Light source:** PinPoint LED
- **Voltage type:** AC/DC
- **Type of light:** visible red light

| Sensing range max. | Switching output | Adjustment | Connection type | Type | Part no. |
|--------------------|------------------|---------------|----------------------------------|-------------|----------|
| 20 mm ... 950 mm | Relay | Potentiometer | Cable, 5-wire, 2 m ¹⁾ | GTB10-R3811 | 1064686 |
| | | | | GTB10-R3812 | 1065862 |

¹⁾ Do not bend below 0 °C.

- **Sensor principle:** Photoelectric proximity sensor
- **Detection principle:** Background suppression
- **Light source:** LED
- **Voltage type:** AC/DC
- **Type of light:** Infrared light

| Sensing range max. | Switching output | Adjustment | Connection type | Type | Part no. |
|--------------------|------------------|---------------|----------------------------------|-------------|----------|
| 20 mm ... 1,200 mm | Relay | Potentiometer | Cable, 5-wire, 2 m ¹⁾ | GTB10-R3821 | 1065863 |
| | | | | GTB10-R3822 | 1065864 |
| | | | Cable, 5-wire, 5 m ¹⁾ | GTB10-R9821 | 1084214 |
| | | | | GTB10-R9822 | 1084215 |

¹⁾ Do not bend below 0 °C.

- **Sensor principle:** Photoelectric proximity sensor
- **Detection principle:** Energetic
- **Light source:** PinPoint LED
- **Voltage type:** DC
- **Switching mode:** Light/dark switching
- **Type of light:** visible red light

| Sensing range max. | Switching output | Adjustment | Connection type | Type | Part no. |
|--------------------|------------------|---------------|----------------------------------|-------------|----------|
| 20 mm ... 1,300 mm | NPN | Potentiometer | Cable, 3-wire, 2 m ¹⁾ | GTE10-N1211 | 1065868 |
| | | | | GTE10-N1212 | 1065869 |
| | | | Male connector M12, 4-pin | GTE10-N4211 | 1065871 |
| | | | | GTE10-N4212 | 1065872 |
| | PNP | Potentiometer | Cable, 3-wire, 2 m ¹⁾ | GTE10-P1211 | 1065865 |
| | | | | GTE10-P1212 | 1065866 |
| | | | Male connector M12, 4-pin | GTE10-P4211 | 1064697 |
| | | | | GTE10-P4212 | 1065867 |

¹⁾ Do not bend below 0 °C.

- **Sensor principle:** Photoelectric proximity sensor
- **Detection principle:** Energetic
- **Light source:** LED
- **Voltage type:** DC
- **Switching mode:** Light/dark switching
- **Type of light:** Infrared light

| Sensing range max. | Switching output | Adjustment | Connection type | Type | Part no. |
|--------------------|------------------|---------------|----------------------------------|----------------|----------|
| 20 mm ... 2,000 mm | NPN | Potentiometer | Cable, 3-wire, 2 m ¹⁾ | GTE10-N1221 | 1085297 |
| | PNP | Potentiometer | Cable, 3-wire, 2 m ¹⁾ | GTE10-P1221 | 1085298 |
| | | | Cable, 4-wire, 2 m ¹⁾ | GTE10-F2221 | 1102211 |
| | | | Male connector M12, 4-pin | GTE10-F4221 | 1102212 |
| | | | | GTE10-F4221P14 | 1116285 |

¹⁾ Do not bend below 0 °C.

- **Sensor principle:** Photoelectric proximity sensor
- **Detection principle:** Energetic
- **Light source:** PinPoint LED
- **Voltage type:** AC/DC
- **Type of light:** visible red light

| Sensing range max. | Switching output | Adjustment | Connection type | Type | Part no. |
|--------------------|------------------|---------------|----------------------------------|-------------|----------|
| 20 mm ... 1,300 mm | Relay | Potentiometer | Cable, 5-wire, 2 m ¹⁾ | GTE10-R3811 | 1064688 |
| | | | | GTE10-R3812 | 1065873 |

¹⁾ Do not bend below 0 °C.

- **Sensor principle:** Photoelectric proximity sensor
- **Detection principle:** Energetic
- **Light source:** LED
- **Voltage type:** AC/DC
- **Type of light:** Infrared light

| Sensing range max. | Switching output | Adjustment | Connection type | Type | Part no. |
|--------------------|------------------|---------------|----------------------------------|-------------|----------|
| 20 mm ... 2,000 mm | Relay | Potentiometer | Cable, 5-wire, 2 m ¹⁾ | GTE10-R3821 | 1065874 |
| | | | | GTE10-R3822 | 1065875 |

¹⁾ Do not bend below 0 °C.

- **Sensor principle:** Photoelectric retro-reflective sensor
- **Detection principle:** Dual lens
- **Light source:** PinPoint LED
- **Voltage type:** DC
- **Switching mode:** Light/dark switching
- **Type of light:** visible red light

| Sensing range max. | Switching output | Adjustment | Connection type | Type | Part no. |
|------------------------------------|------------------|---------------|----------------------------------|------------|----------|
| 0.08 m ... 15 m 0.08 m ... 12 m | NPN | Potentiometer | Cable, 3-wire, 2 m ¹⁾ | GL10-N1211 | 1065888 |
| | | | | GL10-N1212 | 1065889 |
| | | | Male connector M12, 4-pin | GL10-N4211 | 1064700 |
| | | | | GL10-N4212 | 1065891 |
| | | None | Cable, 3-wire, 2 m ¹⁾ | GL10-N1111 | 1065880 |

¹⁾ Do not bend below 0 °C.

| Sensing range max. | Switching output | Adjustment | Connection type | Type | Part no. |
|------------------------------------|------------------|---------------|--|----------------|----------|
| | | | Male connector M12, 4-pin | GL10-N1112 | 1065882 |
| | | | | GL10-N4111 | 1065883 |
| | | | | GL10-N4112 | 1065884 |
| | PNP | Potentiometer | Cable with M12 male connector, 4-pin, 1,200 mm ¹⁾ | GL10-P0211S17 | 1117145 |
| | | | Cable with M12 male connector, 4-pin, 300 mm ¹⁾ | GL10-P7210P08 | 1101319 |
| | | | | GL10-P7211 | 1071510 |
| | | | Cable, 3-wire, 2 m ¹⁾ | GL10-P1211 | 1065885 |
| | | | | GL10-P1212 | 1065886 |
| | | | Male connector M12, 4-pin | GL10-P4211 | 1065890 |
| | | | | GL10-P4212 | 1065887 |
| | | None | Cable with M12 male connector, 4-pin, 300 mm ¹⁾ | GL10-P7111 | 1120776 |
| | | | | | |
| | | | Cable, 3-wire, 2 m ¹⁾ | GL10-P1111 | 1065876 |
| | | | | GL10-P1112 | 1065877 |
| | | | Cable, 3-wire, 5 m ¹⁾ | GL10-P8111 | 1071896 |
| | | | | GL10-P8112 | 1071897 |
| | | | Male connector M12, 4-pin | GL10-F4111 | 1095246 |
| | | | | GL10-P4110P03 | 1071687 |
| | | | | GL10-P4110P14 | 1121079 |
| | | | | GL10-P4111 | 1065878 |
| | | | | GL10-P4112 | 1065879 |
| 0.15 m ... 12 m 0.15 m ... 10 m | NPN | Potentiometer | Cable, 3-wire, 2 m ¹⁾ | GL10G-N1250P09 | 1101721 |
| | | | | GL10G-N1251 | 1064705 |
| | | | | GL10G-N1252 | 1065895 |
| | PNP | Potentiometer | Male connector M12, 4-pin | GL10G-P4251 | 1064704 |
| | | | | GL10G-P4252 | 1065894 |
| | | None | Cable with M12 male connector, 4-pin, 300 mm ¹⁾ | GL10-P7151 | 1089963 |
| | | | Male connector M12, 4-pin | GL10-P4151 | 1069860 |
| | | | | GL10-P4151P02 | 1069937 |
| 0.1 m ... 8 m 0.1 m ... 6.4 m | PNP | None | Male connector M12, 4-pin | GL10-P4101P15 | 1123872 |

¹⁾ Do not bend below 0 °C.

- **Sensor principle:** Photoelectric retro-reflective sensor
- **Detection principle:** Dual lens
- **Light source:** LED
- **Voltage type:** DC
- **Switching mode:** Light/dark switching
- **Type of light:** Infrared light

| Sensing range max. | Switching output | Adjustment | Connection type | Type | Part no. |
|--------------------------------------|------------------|---------------|----------------------------------|------------|----------|
| 0.08 m ... 15 m 0.08 m ... 12.5 m | NPN | Potentiometer | Cable, 3-wire, 2 m ¹⁾ | GL10-N1221 | 1064701 |

¹⁾ Do not bend below 0 °C.

- **Sensor principle:** Photoelectric retro-reflective sensor
- **Detection principle:** Dual lens
- **Light source:** PinPoint LED
- **Voltage type:** DC
- **Switching mode:** Light switching
- **Type of light:** visible red light

| Sensing range max. | Switching output | Adjustment | Connection type | Type | Part no. |
|--------------------------------------|------------------|---------------|--|---------------|----------|
| 0.15 m ... 12 m 0.15 m ... 10 m | NPN | None | Cable, 3-wire, 2 m ¹⁾ | GL10-N1551 | 1065892 |
| | PNP | None | Cable with M12 male connector, 4-pin, 1,200 mm ¹⁾ | GL10-P7551S03 | 1082829 |
| | | | | GL10-P7551S16 | 1109630 |
| | | | | GL10-F7551 | 1077821 |
| | | | Cable with M12 male connector, 4-pin, 2,500 mm ¹⁾ | GL10-F7551P07 | 2099257 |
| | | | | GL10-P7551 | 1069046 |
| | | | | GL10-P7551S04 | 1084771 |
| | | | | GL10-F4550P10 | 1102512 |
| | | | Male connector M12, 4-pin | GL10-F4550P12 | 1105478 |
| | | | | GL10-F4550P13 | 1114550 |
| | | | | GL10-F4551 | 1071153 |
| | | | | GL10-F4551P05 | 1081472 |
| | | | | GL10-F4554 | 1071170 |
| | | | | GL10-P4551 | 1064702 |
| | | | | GL10-P4551P04 | 1079315 |
| | | | | GL10-P4551P06 | 1082709 |
| | | | | GL10-P4554 | 1065893 |
| 0.15 m ... 17 m 0.15 m ... 12.5 m | PNP | Potentiometer | Male connector M12, 4-pin | GL10-F4631S11 | 1102890 |
| | | | | GL10-F4633S12 | 1102891 |

¹⁾ Do not bend below 0 °C.

| Sensing range max. | Switching output | Adjustment | Connection type | Type | Part no. |
|-----------------------------------|------------------|------------|--|---------------|----------|
| 0.15 m ... 17 m 0.15 m ... 5 m | PNP | None | Cable with plug M12, 5-pin, 300 mm ¹⁾ | GL10-00531S13 | 1102892 |
| | | | Male connector M12, 4-pin | GL10-F4531S09 | 1102888 |
| | | | | GL10-P4531S10 | 1102889 |
| 0.1 m ... 8 m 0.1 m ... 6.4 m | PNP | None | Male connector M12, 4-pin | GL10-P4551S06 | 1085726 |

¹⁾ Do not bend below 0 °C.

- **Sensor principle:** Photoelectric retro-reflective sensor
- **Detection principle:** Dual lens
- **Light source:** PinPoint LED
- **Voltage type:** DC
- **Switching mode:** Dark switching
- **Type of light:** visible red light

| Sensing range max. | Switching output | Adjustment | Connection type | Type | Part no. |
|------------------------------------|------------------|---------------|--|---------------|----------|
| 0.08 m ... 15 m 0.08 m ... 12 m | PNP | None | Cable with M12 male connector, 4-pin, 300 mm ¹⁾ | GL10-P7313 | 1124568 |
| 0.15 m ... 12 m 0.15 m ... 10 m | PNP | None | | GL10-P7351 | 1084654 |
| | | | | GL10-P7351S05 | 1084772 |
| 0.15 m ... 17 m 0.15 m ... 5 m | PNP | Potentiometer | | GL10-F7431S08 | 1102887 |

¹⁾ Do not bend below 0 °C.

- **Sensor principle:** Photoelectric retro-reflective sensor
- **Detection principle:** Dual lens
- **Light source:** PinPoint LED
- **Voltage type:** AC/DC
- **Type of light:** visible red light

| Sensing range max. | Switching output | Adjustment | Connection type | Type | Part no. |
|------------------------------------|------------------|---------------|----------------------------------|---------------|----------|
| 0.08 m ... 15 m 0.08 m ... 12 m | Relay | Potentiometer | Cable, 5-wire, 2 m ¹⁾ | GL10-03811S01 | 1069477 |
| | | | | GL10-03812S02 | 1074294 |
| | | | | GL10-R3811 | 1064689 |
| | | | | GL10-R3812 | 1065898 |
| | | None | Cable, 5-wire, 5 m ¹⁾ | GL10-R9811 | 1076129 |
| | | | | GL10-R9811P16 | 1125850 |
| | | | | GL10-R9812 | 1076130 |
| | | | | GL10-R3711 | 1065896 |
| | | | Cable, 5-wire, 2 m ¹⁾ | GL10-R3712 | 1065897 |

¹⁾ Do not bend below 0 °C.

- **Sensor principle:** Through-beam photoelectric sensor
- **Light source:** PinPoint LED
- **Voltage type:** DC
- **Switching mode:** Light/dark switching
- **Type of light:** visible red light

| Sensing range max. | Switching output | Adjustment | Connection type | Type | Part no. |
|--------------------|------------------|---------------|--|----------------|----------|
| 0 m ... 40 m | NPN | Potentiometer | Cable, 3-wire, 2 m ¹⁾ | GSE10-N1211 | 1065904 |
| | | | | GSE10-N1212 | 1065905 |
| | | | Male connector M12, 4-pin | GSE10-N4211 | 1088390 |
| | | None | Cable, 3-wire, 2 m ¹⁾ | GSE10-N1111 | 1065901 |
| | | | | GSE10-N1112 | 1065902 |
| | PNP | Potentiometer | Cable, 3-wire, 2 m ¹⁾ | GSE10-P1211 | 1070734 |
| | | | | GSE10-P1212 | 1070732 |
| | | | Male connector M12, 4-pin | GSE10-P4211 | 1064706 |
| | | | | GSE10-P4212 | 1065903 |
| | | None | Cable with M12 male connector, 4-pin, 300 mm ¹⁾ | GSE10-P7111 | 1120777 |
| | | | Cable, 3-wire, 2 m ¹⁾ | GSE10-P1111 | 1071898 |
| | | | | GSE10-P1112 | 1071899 |
| | | | Male connector M12, 4-pin | GE10-P4111S03 | 2118425 |
| | | | | GS10-D4311S03 | 2118422 |
| | | | | GSE10-P4111 | 1065899 |
| | | | | GSE10-P4111P01 | 1082728 |
| | | | | GSE10-P4112 | 1065900 |
| 0 m ... 80 m | NPN | Potentiometer | Cable, 3-wire, 2 m ¹⁾ | GSE10-N1231S01 | 1095561 |

¹⁾ Do not bend below 0 °C.

- **Sensor principle:** Through-beam photoelectric sensor
- **Light source:** LED
- **Voltage type:** DC
- **Switching mode:** Light/dark switching
- **Type of light:** Infrared light

| Sensing range max. | Switching output | Adjustment | Connection type | Type | Part no. |
|--------------------|------------------|---------------|----------------------------------|-------------|----------|
| 0 m ... 40 m | NPN | Potentiometer | Cable, 3-wire, 2 m ¹⁾ | GSE10-N1221 | 1065908 |
| | | | | GSE10-N1222 | 1065909 |
| | PNP | Potentiometer | Male connector M12, 4-pin | GSE10-P4221 | 1065906 |
| | | | | GSE10-P4222 | 1065907 |

¹⁾ Do not bend below 0 °C.

- **Sensor principle:** Through-beam photoelectric sensor
- **Light source:** PinPoint LED
- **Voltage type:** AC/DC
- **Type of light:** visible red light

| Sensing range max. | Switching output | Adjustment | Connection type | Type | Part no. |
|--------------------|------------------|---------------|----------------------------------|-------------|----------|
| 0 m ... 40 m | Relay | Potentiometer | Cable, 5-wire, 2 m ¹⁾ | GSE10-R3811 | 1064691 |
| | | | | GSE10-R3812 | 1065912 |
| | | None | Cable, 5-wire, 5 m ¹⁾ | GSE10-R9812 | 1105594 |
| | | | Cable, 5-wire, 2 m ¹⁾ | GSE10-R3711 | 1065910 |
| | | | | GSE10-R3712 | 1065911 |

¹⁾ Do not bend below 0 °C.

- **Sensor principle:** Through-beam photoelectric sensor
- **Light source:** LED
- **Voltage type:** AC/DC
- **Type of light:** Infrared light

| Sensing range max. | Switching output | Adjustment | Connection type | Type | Part no. |
|--------------------|------------------|------------|----------------------------------|-------------|----------|
| 0 m ... 40 m | Relay | None | Cable, 5-wire, 2 m ¹⁾ | GSE10-R3721 | 1065913 |
| | | | | GSE10-R3722 | 1065914 |

¹⁾ Do not bend below 0 °C.

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