

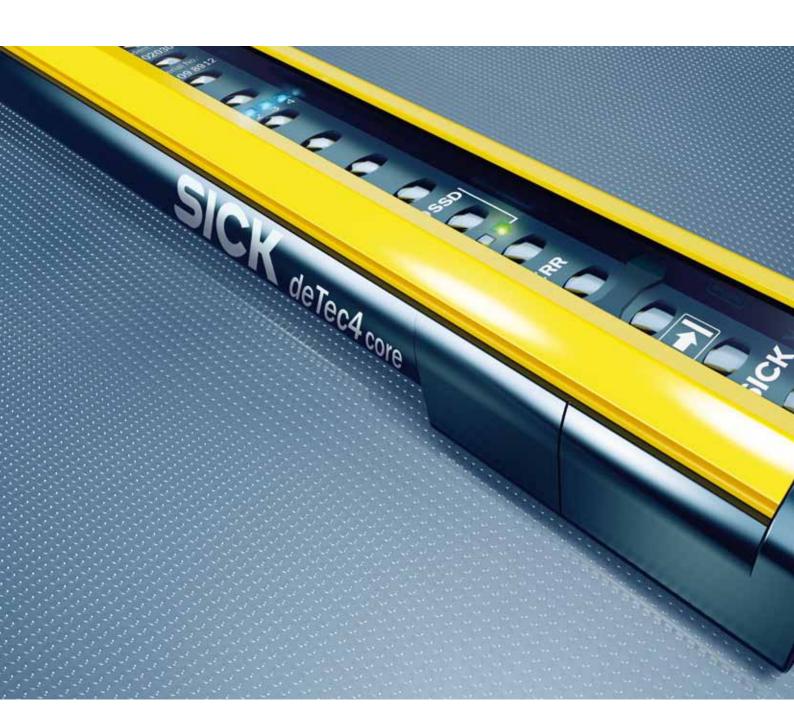
Efficient integration. Quick installation. Simply safe.



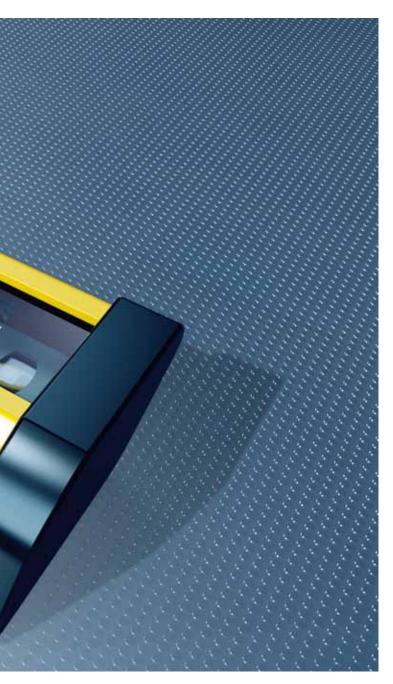
deTec4 Core safety light curtain: Pure safety from the market leader

SICK, creator of the safety light curtain, is the world's leading manufacturer of optical safety devices. SICK is now introducing a completely new generation of light curtains – the deTec4 Core.

With this development, SICK is focusing on the essentials: state-of-the-art safety.



Focused on the essentials



A new standard in every sense

The deTec4 Core safety light curtain makes it easier than ever before to cost-effectively protect hazardous zones and access points. The deTec4 Core is efficient to integrate, quick to install and safe in routine operation – deTec4 Core is also the best-inclass safety light curtain.

Efficient integration
 Quick installation
 Simply safe
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Based on more than 60 years of experience

The development and production of safety light curtains has been one of SICK's core areas of competency for more than six decades. Our safety light curtains are proven in the field - through their widespread use worldwide in a multitude of applications. Economic factors are also an important consideration, in addition to safety matters. Optimally designed safety technology with user-oriented functionality is key to increasing system efficiency. Of course, it goes without saying that SICK utilizes open systems that ensure a high level of investment security.

deTec4 Core safety light curtain on the Internet: www.sick.com/detec4





deTec4 Core safety light curtain: Economical and reliable during operation

The deTec4 Core safety light curtain is the perfect solution for cost-effective protection of hazardous points and single-sided access protection. In doing so, safety is made easy right from the outset.

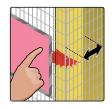
Safety and efficiency combined – for maximum availability

Day for day, the deTec4 Core safety light curtain ensures safety of personnel and productivity of machines and systems in a cost-effective manner for many industries. For example, machines for processing workpieces of all dimensions.

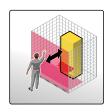
Typical areas of application include:

- · Machine tools industry
- Automotive
- Handling and warehousing systems
- · Consumer goods and packaging industry

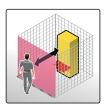
deTec4 Core safety light curtain for a wide range of safety applications







Hand and person detection



Single-sided access protection





Efficient integration – from planning to selection and installation

In the event of minimal space: continuous protective fields

The complete housing of the deTec4 Core safety light curtain generates a continuous protective field with high resolution right up to the ends of the housing. This minimizes the safety distances in terms of machine integration. And, with protective field heights of up to 2100 mm, the deTec4 Core safety light curtain also reduces allowances for reaching under and reaching over the protective field in accordance with current safety standards. An additional advantage: short safety distances for the operator to hazardous points accelerates processes with higher productivity.

deTec4 Core - the technology at a glance

- Type 4 (IEC 61496), PL e (EN ISO 13849)
- Protective operation
- No blind zones
- Resolution of 14 mm or 30 mm
- Protective field height of 300 mm to 2100 mm
- Automatic range measurement up to 10 m
- Operating temperature of -30°C to +55°C
- Enclosure rating IP 65 / IP 67



deTec4 Core safety light curtain: Sophisticated design for rapid installation

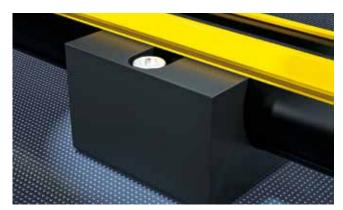
The deTec4 Core safety light curtain is impressive with minimal commissioning and maintenance requirements. An innovative system of brackets as well as rapid alignment and diagnostics with the help of integrated status indicators.

Mounting and alignment in seconds

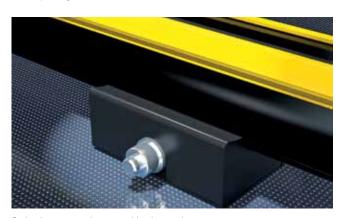
The mounted deTec4 Core safety light curtain can be rotated $+/-15\,^{\circ}$ on the machine thanks to its FlexFix bracket – greatly facilitating the alignment process. The semi-circular contours on the rear of the housing additionally enable positioning of the bracket on various parts of the housing. The deTec4 Core safety light curtain can be mounted without blind zones regardless of where the bracket is placed on the housing.

Saves time thanks to automatic range measurement

The new automatic range measurement function is impressive during initialization. The deTec4 Core automatically measures the scanning range following the mounting and alignment processes. This means that it requires no configuration and is always optimally set up.



Fasten the deTec4 Core with a single screw: the easy to align FlexFix bracket.



Optimal support and easy machine integration: the rigidly designed QuickFix bracket.



Developed for ultimate ease

LEDs enable fast commissioning

As all basic functions of the deTec4 Core safety light curtain are available without prior configuration, the commissioning process can be carried out without the need for software. Moreover, the deTec4 Core cuts down commissioning time thanks to its integrated LEDs and diagnostic functions.

Plug-and-play maintenance and exchange

Maintenance tasks can be carried out quickly on the deTec4 Core safety light curtain without the need for configuration or wiring. Its sophisticated bracket design and standardized 5-pin M12 connection technology additionally simplifies the rapid exchange of individual devices. Bright LEDs provide continuous status information for all processes.



Direct feedback during alignment: the optimal position of the two housings relative to each other is indicated by the four blue LEDs.

deTec4 core safety light curtain: Rugged housings for harsh production environments

Protecting people every day, keeping machines available and always keeping economic efficiency in mind – no problem for the solid deTec4 Core safety light curtain.

Impact-resistant housing, completely re-designed

An ingenious combination of metal and synthetic components make the deTec4 Core safety light curtain extremely rugged. This means it easily withstands even hard impacts and safety is ensured at all times.

No blind zones: flexible system integration

The deTec4 Core safety light curtain can always be optimally positioned, regardless of the available installation points for brackets on the machine frame. Its complete lack of blind zones and bracket design offers a high degree of flexibility in terms of machine integration.

Reliability with IP 67 protection class

High availability is guaranteed for deTec4 Core applications in harsh environments. The safety light curtain fulfills the requirements of IP 65 as well as IP 67 in a single device.

Temperature resistant up to -30 °C

The deTec4 Core safety light curtain is designed for operating temperatures between -30 °C and +55 °C for consistent safety in all operational conditions. This means it is suitable for refrigerated areas where it provides accident-free and cost-effective processes.





Simply safe – proven expertise from SICK.



Uncomplicated integration into safety controllers

Just like all of SICK's safety devices, the deTec4 Core safety light curtain was especially developed so that it can be integrated into all standard controllers without additional effort. This means that SICK's industry-leading expertise offers perfect integration into all safety and system environments in the area of machine safety.



Complete solutions with safetyPLUS®

safetyPLUS® from SICK offers comprehensive solutions for industrial automation – including development and services:

- Application-oriented functions and trend-setting products that increase your system efficiency
- Incorporating the currently applicable international standards in order to support your business all over the world
- Services that range from realization of your ideas through to regular maintenance
- · Tools for safety engineering
- A full range of services to support the safety functions in your machines and systems

Visit www.sick-safetyplus.com for more information

















The deTec4 Core safety light curtain is impressive with a new innovative system of brackets, no blind zones, and the increased height of its protective field. The effort required for commissioning and maintenance is minimized. The half-rounded contour of the rear of the housing enables the brackets to be positioned in any location on the housing. The FlexFix bracket facilitates alignment at up to +/-15°. Integrated LED displays, diagnostic functions, and automatic range measurements help to save time and costs during commissioning. The deTec4 Core is also suitable for use in harsh ambient conditions thanks to the enclosure rating IP 65 / IP 67. With ambient operating temperatures of between -30 °C and +55 °C, the safety light curtain can also be used in low-temperature environments. The deTec4 Core provides reliable hand and finger protection at the highest PL e protection level. The available protective field heights range from 300 mm to 2,100 mm.

At a glance

- Type 4 (IEC 61496), PL e (EN ISO 13849)
- · Protective operation
- Absence of blind zones
- Resolution of 14 mm or 30 mm
- Protective field height of 300 mm to 2,100 mm
- Automatic range measurement up to 10 m
- · Ambient operating temperature of -30 °C to +55 °C
- Enclosure rating IP 65 / IP 67

Your benefits

- · Simple assembly with innovative mounting and no blind zones
- Quick commissioning thanks to integrated LED display and automatic range measurement of up to 10 m
- Simply safe: rugged and reliable thanks to enclosure rating IP 67 and an ambient operating temperature down to -30 °C, enabling use in harsh ambient conditions
- Intelligently standardized: M12, 5-pin provide cost reductions
- · Basic function without configuration effort enables quick replacement when servicing is required



Additional information

Ordering information..... 12

www.mysick.com/en/deTec4_Core

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.



Detailed technical data

General data

| Resolution | 14 mm / 30 mm (depending on type) |
|---|---------------------------------------|
| Protective field range | |
| Resolution 14 mm | 0 m 7 m |
| Resolution 30 mm | 0 m 10 m |
| Protective field height | 300 mm 2,100 mm (depending on type) |
| Safety-related parameters | |
| Туре | Type 4 (EN 61496) |
| Safety integrity level | SIL3 (IEC 61508) SILCL3 (EN 62061) |
| Category | Category 4 (EN ISO 13849) |
| Performance level | PL e (EN ISO 13849) |
| PFHd (mean probability of a dangerous failure per hour) | 3,7 x 10° (EN ISO 13849) |
| T _M (mission time) | 20 years (EN ISO 13849) |
| Safe state in the event of a fault | At least one OSSD is in the LOW state |
| Synchronization | Optical synchronisation |

Electrical data

| | Sender | Receiver |
|---------------------------|----------------------------------|--|
| Supply voltage | 24 V DC (19.2 V | DC 28.8 V DC) |
| Residual ripple | ≤ 2.4 | 1 V _{pp} 1) |
| Power consumption typical | 0.82 W 2.4 W (depending on type) | 1.63 W 4.8 W (depending on type) |
| Safety outputs (OSSD) | | |
| Type of output | - | 2 PNP semiconductors, short-circuit protected, cross-circuit monitored ²⁾ |
| Response time | - | 10 ms 22 ms (depending on type) |
| Switching voltage HIGH | - | 24 V DC (V_S – 2.25 V DC V_S) |
| Switching voltage LOW | - | ≤ 2 V DC |
| Switching current | - | ≤ 300 mA |
| Connection type | M12, 5-pin | |
| Cable length | ≤ 50 m | |

 $^{^{\}mbox{\tiny 1)}}$ Within the limits of $\mbox{V}_{\mbox{\scriptsize S}}.$

Operating data

| | Sender | Receiver | |
|-------------------------------|---|-------------------|--|
| Protection class | III (EN 50178) | | |
| Enclosure rating | IP 65 (EN 60529) IP 67 (EN 60529) | | |
| Ambient operating temperature | −30 °C +55 °C | | |
| Storage temperature | -30 °C +70 °C | | |
| Air humidity | 15 % 95 %, ו | non-condensing | |
| Vibration resistance | 5 g, 10 Hz 55 H | Hz (EN 60068-2-6) | |
| Shock resistance | 10 g, 16 ms (EN 60068-2-29) | | |
| Housing cross-section | 34 mm x 30.7 mm | | |
| Weight | 290 g 1,920 g (depending on type) 300 g 1,930 g (depending on type) | | |

 $^{^{\}rm 2)}$ Applies to the voltage range between –30 V and +30 V.

Ordering information

• Resolution: 14 mm

• Protective field range: 0 m ... 7 m

| Protective field height | Sender | | Reco | eiver |
|-------------------------|-------------------|----------|-------------------|----------|
| | Model name | Part no. | Model name | Part no. |
| 300 mm | C4C-SA03010A10000 | 1211450 | C4C-EA03010A10000 | 1211463 |
| 450 mm | C4C-SA04510A10000 | 1211469 | C4C-EA04510A10000 | 1211470 |
| 600 mm | C4C-SA06010A10000 | 1211471 | C4C-EA06010A10000 | 1211472 |
| 750 mm | C4C-SA07510A10000 | 1211473 | C4C-EA07510A10000 | 1211474 |
| 900 mm | C4C-SA09010A10000 | 1211475 | C4C-EA09010A10000 | 1211515 |
| 1,050 mm | C4C-SA10510A10000 | 1211476 | C4C-EA10510A10000 | 1211477 |
| 1,200 mm | C4C-SA12010A10000 | 1211478 | C4C-EA12010A10000 | 1211479 |
| 1,350 mm | C4C-SA13510A10000 | 1211480 | C4C-EA13510A10000 | 1211481 |
| 1,500 mm | C4C-SA15010A10000 | 1211482 | C4C-EA15010A10000 | 1211483 |
| 1,650 mm | C4C-SA16510A10000 | 1211484 | C4C-EA16510A10000 | 1211485 |
| 1,800 mm | C4C-SA18010A10000 | 1211486 | C4C-EA18010A10000 | 1211487 |
| 1,950 mm | C4C-SA19510A10000 | 1211488 | C4C-EA19510A10000 | 1211489 |
| 2,100 mm | C4C-SA21010A10000 | 1211490 | C4C-EA21010A10000 | 1211491 |

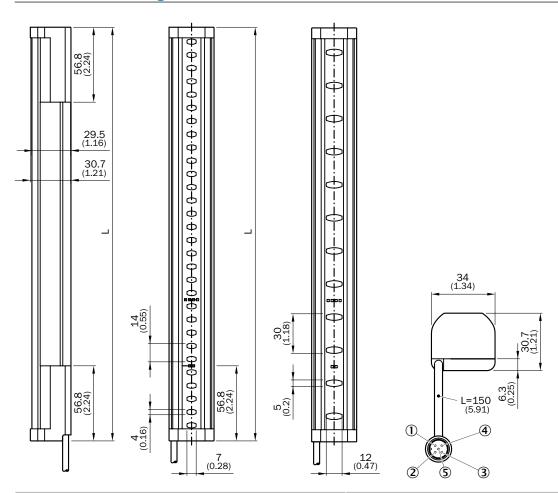
• Resolution: 30 mm

• Protective field range: 0 m ... 10 m

| Protective field height | Sender | | Reco | eiver |
|-------------------------|-------------------|----------|-------------------|----------|
| | Model name | Part no. | Model name | Part no. |
| 300 mm | C4C-SA03030A10000 | 1211462 | C4C-EA03030A10000 | 1211464 |
| 450 mm | C4C-SA04530A10000 | 1211492 | C4C-EA04530A10000 | 1211493 |
| 600 mm | C4C-SA06030A10000 | 1211494 | C4C-EA06030A10000 | 1211495 |
| 750 mm | C4C-SA07530A10000 | 1211496 | C4C-EA07530A10000 | 1211497 |
| 900 mm | C4C-SA09030A10000 | 1211498 | C4C-EA09030A10000 | 1211516 |
| 1,050 mm | C4C-SA10530A10000 | 1211499 | C4C-EA10530A10000 | 1211500 |
| 1,200 mm | C4C-SA12030A10000 | 1211501 | C4C-EA12030A10000 | 1211502 |
| 1,350 mm | C4C-SA13530A10000 | 1211503 | C4C-EA13530A10000 | 1211504 |
| 1,500 mm | C4C-SA15030A10000 | 1211505 | C4C-EA15030A10000 | 1211506 |
| 1,650 mm | C4C-SA16530A10000 | 1211507 | C4C-EA16530A10000 | 1211508 |
| 1,800 mm | C4C-SA18030A10000 | 1211509 | C4C-EA18030A10000 | 1211510 |
| 1,950 mm | C4C-SA19530A10000 | 1211511 | C4C-EA19530A10000 | 1211512 |
| 2,100 mm | C4C-SA21030A10000 | 1211513 | C4C-EA21030A10000 | 1211514 |

Dimensional drawing

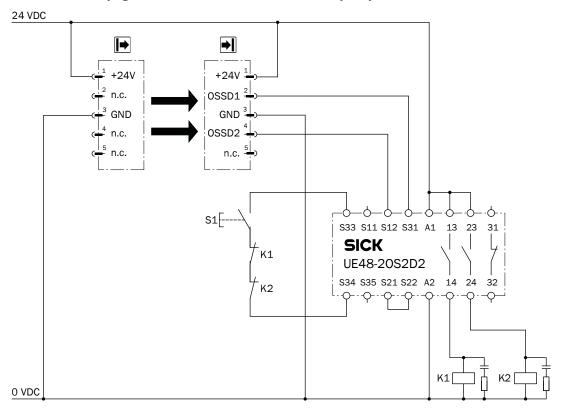
dimensions in mm (inch)



| Protective field height | L |
|-------------------------|-----------------|
| 300 (11.81) | 313 (12.32) |
| 450 (17.72) | 463 (18.23) |
| 600 (23.62) | 613 (24.13) |
| 750 (29.53) | 763 (30.04) |
| 900 (35.43) | 912.5 (35.93) |
| 1,050 (41.34) | 1,062.5 (41.83) |
| 1,200 (47.24) | 1,212.5 (47.74) |
| 1,350 (53.15) | 1,362 (53.62) |
| 1,500 (59.06) | 1,512 (59.53) |
| 1,650 (64.96) | 1,662 (65.43) |
| 1,800 (70.87) | 1,811.5 (71.32) |
| 1,950 (76.77) | 1,961.5 (77.22) |
| 2,100 (82.68) | 2,111.5 (83.13) |

Connection diagrams

deTec4 Core safety light curtain connected to UE48-20S safety relay



The deTec4 Core safety light curtain can be connected to the UE48-20S switching amplifiers. It is operated with restart interlock and external device monitoring.

When the protective field is clear, the OSSD1 and OSSD2 outputs carry voltage. The system can be switched on when K1 and K2 are in the de-energized position. Pressing the S1 button switches on the UE48 switching amplifier. Contacts 13-14 and 23-24 of the UE48 activate the K1 and K2 contactors.

When the protective field is interrupted, the OSSD1 and OSSD2 outputs carry no voltage. The UE48 switches off and K1, K2 are deactivated.

Failure of K1 and K2 does not cause the loss of the shut-down function. Cross-circuits and shortcircuits of the OSSD1 and OSSD2 outputs are recognized and lead to the locking state. It is recognized if the K1 or K2 contactors does not de-energize.

Accessories

Terminal and alignment brackets

| Figure | Brief description | Model name | Part no. |
|--------|---|---------------|----------|
| | Flex-Fix-bracket (Packing unit 4 pcs.) | BEF-1SHABPKU4 | 2066614 |
| · | Quick-Fix-bracket (Packing unit 2 pcs.) | BEF-3SHABPKU2 | 2066048 |

Plug connectors and cables

| Figure | Connection type | Cable length | Model name | Part no. |
|--------|---|--------------|----------------|----------|
| | | 2 m | DOL-1205-G02MC | 6025906 |
| | | 5 m | DOL-1205-G05MC | 6025907 |
| | Female connector, M12, 5-pin, straight | 10 m | DOL-1205-G10MC | 6025908 |
| | | 20 m | DOL-1205-G20MC | 6050247 |
| | | 30 m | DOL-1205-G30MC | 6050248 |
| | Female connector, M12, 5-pin, angled | 2 m | DOL-1205-W02MC | 6025909 |
| 1/2 | | 5 m | DOL-1205-W05MC | 6025910 |
| | | 10 m | DOL-1205-W10MC | 6025911 |
| | M12, 5-pin, plug straight/socket straight | 2 m | DSL-1205-G02MC | 6025931 |
| 88 | | 5 m | DSL-1205-G05MC | 6029282 |
| | | 10 m | DSL-1205-G10MC | 6038954 |
| | | 15 m | DSL-1205-G15MC | 6038956 |

Power supply units

| Figure | Input voltage | Output voltage | Output current | Model name | Part no. |
|--------|-------------------|----------------|----------------|--------------|----------|
| | 24 V DQ | ≤ 2.1 A | Power supply | 7028789 | |
| | 100 V AC 240 V AC | 24 V DC | ≤ 3.9 A | Power supply | 7028790 |

Deflector mirrors

| Figure | Brief description | Mirror material | Suitable for protective field height | Model name | Part no. |
|--------|-----------------------|-----------------|--------------------------------------|------------|----------|
| | | | ≤ 300 mm | PNS75-034 | 1019414 |
| Δ | | | ≤ 450 mm | PNS75-049 | 1019415 |
| | | | ≤ 600 mm | PNS75-064 | 1019416 |
| | | | ≤ 750 mm | PNS75-079 | 1019417 |
| | | | ≤ 900 mm | PNS75-094 | 1019418 |
| | | | ≤ 1,050 mm | PNS75-109 | 1019419 |
| | | | ≤ 1,200 mm | PNS75-124 | 1019420 |
| | | | ≤ 1,350 mm | PNS75-139 | 1019421 |
| | | | ≤ 1,500 mm | PNS75-154 | 1019422 |
| | | | ≤ 1,650 mm | PNS75-169 | 1019423 |
| | Harizantal deflection | | ≤ 1,800 mm | PNS75-184 | 1019424 |
| | Horizontal deflection | Glass | ≤ 300 mm | PNS125-034 | 1019425 |
| | | | ≤ 450 mm | PNS125-049 | 1019426 |
| - | | | ≤ 600 mm | PNS125-064 | 1019427 |
| | | | ≤ 750 mm | PNS125-079 | 1019428 |
| | | | ≤ 900 mm | PNS125-094 | 1019429 |
| | | | ≤ 1,050 mm | PNS125-109 | 1019430 |
| | | | ≤ 1,200 mm | PNS125-124 | 1019431 |
| | | | ≤ 1,350 mm | PNS125-139 | 1019432 |
| | | | ≤ 1,500 mm | PNS125-154 | 1019433 |
| | | | ≤ 1,650 mm | PNS125-169 | 1019434 |
| | | | ≤ 1,800 mm | PNS125-184 | 1019435 |

Alignment aids

| Figure | Brief description | Model name | Part no. |
|--------|---|------------------------------|----------|
| | Laser alignment aid for various sensors, laser class 2 (IEC 60825): Never look into the beam. | AR60 | 1015741 |
| | Adapter for alignment aid AR60 | Adapter AR60 for deTec4 Core | 4070854 |

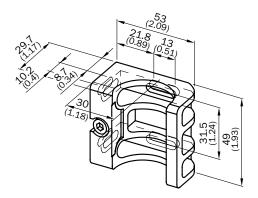
Test and monitoring tools

| Figure | Brief description | Model name | Part no. |
|--------|-------------------|---------------|----------|
| | 14 mm diameter | Test rod | 2022599 |
| | 30 mm diameter | Test rod | 2022602 |
| | Test rod holder | BEF-3WNAAAAL1 | 2052249 |

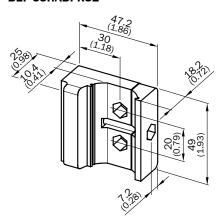
Dimensional drawings Terminal and alignment brackets

dimensions in mm (inch)

BEF-1SHABPKU4



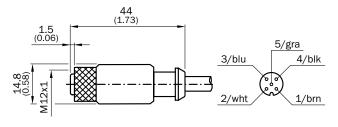
BEF-3SHABPKU2



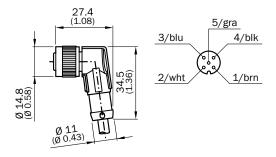
Dimensional drawings Plug connectors and cables

dimensions in mm (inch)

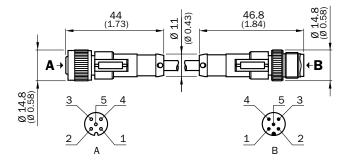
DOL-1205-G02MC, DOL-1205-G05MC, DOL-1205-G10MC, DOL-1205-G20MC, DOL-1205-G30MC



DOL-1205-W02MC, DOL-1205-W05MC, DOL-1205-W10MC



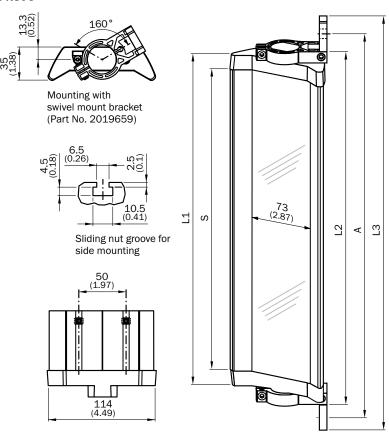
 ${\tt DSL-1205-G02MC,\,DSL-1205-G05MC,\,DSL-1205-G10MC,\,DSL-1205-G15MC}$



Dimensional drawings Deflector mirrors

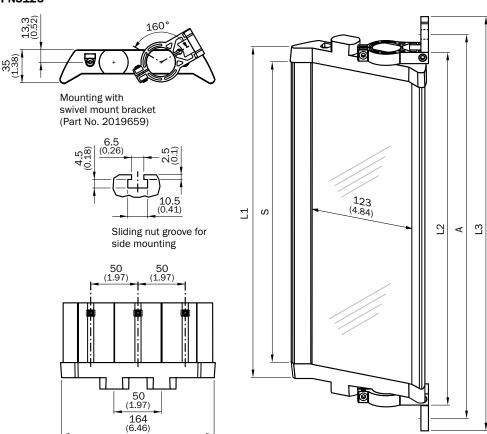
dimensions in mm (inch)

PNS75



| Mirror height S | L1 | L2 | L3 | Α |
|-----------------|---------------|---------------|---------------|---------------|
| 340 (13.39) | 372 (14.65) | 396 (15.59) | 460 (18.11) | 440 (17.32) |
| 490 (19.29) | 522 (20.55) | 546 (21.5) | 610 (24.02) | 590 (23.23) |
| 640 (25.2) | 672 (26.46) | 696 (27.4) | 760 (29.92) | 740 (29.13) |
| 790 (31.1) | 822 (32.36) | 846 (33.31) | 910 (35.83) | 890 (35.04) |
| 940 (37.01) | 972 (38.27) | 996 (39.21) | 1,060 (41.73) | 1,040 (40.94) |
| 1,090 (42.91) | 1,122 (44.17) | 1,146 (45.12) | 1,210 (47.64) | 1,190 (46.85) |
| 1,240 (48.82) | 1,272 (50.08) | 1,296 (51.02) | 1,360 (53.54) | 1,340 (52.76) |
| 1,390 (54.72) | 1,422 (55.98) | 1,446 (56.93) | 1,510 (59.45) | 1,490 (58.66) |
| 1,540 (60.63) | 1,572 (61.89) | 1,596 (62.83) | 1,660 (65.35) | 1,640 (64.57) |
| 1,690 (66.54) | 1,722 (67.8) | 1,746 (68.74) | 1,810 (71.26) | 1,790 (70.47) |
| 1,840 (72.44) | 1,872 (73.7) | 1,896 (74.65) | 1,960 (77.17) | 1,940 (76.38) |

PNS125



| Mirror height S | L1 | L2 | L3 | Α |
|-----------------|---------------|---------------|---------------|---------------|
| 340 (13.39) | 372 (14.65) | 396 (15.59) | 460 (18.11) | 440 (17.32) |
| 490 (19.29) | 522 (20.55) | 546 (21.5) | 610 (24.02) | 590 (23.23) |
| 640 (25.2) | 672 (26.46) | 696 (27.4) | 760 (29.92) | 740 (29.13) |
| 790 (31.1) | 822 (32.36) | 846 (33.31) | 910 (35.83) | 890 (35.04) |
| 940 (37.01) | 972 (38.27) | 996 (39.21) | 1,060 (41.73) | 1,040 (40.94) |
| 1,090 (42.91) | 1,122 (44.17) | 1,146 (45.12) | 1,210 (47.64) | 1,190 (46.85) |
| 1,240 (48.82) | 1,272 (50.08) | 1,296 (51.02) | 1,360 (53.54) | 1,340 (52.76) |
| 1,390 (54.72) | 1,422 (55.98) | 1,446 (56.93) | 1,510 (59.45) | 1,490 (58.66) |
| 1,540 (60.63) | 1,572 (61.89) | 1,596 (62.83) | 1,660 (65.35) | 1,640 (64.57) |
| 1,690 (66.54) | 1,722 (67.8) | 1,746 (68.74) | 1,810 (71.26) | 1,790 (70.47) |
| 1,840 (72.44) | 1,872 (73.7) | 1,896 (74.65) | 1,960 (77.17) | 1,940 (76.38) |

SICK at a glance



Leading technologies

With a staff of more than 5,800 and nearly 50 subsidiaries and representations worldwide, SICK is one of the leading and most successful manufacturers of sensor technology. The power of innovation and solution competency have made SICK the global market leader. No matter what the project and industry may be, talking with an expert from SICK will provide you with an ideal basis for your plans – there is no need to settle for anything less than the best.



Unique product range

- Non-contact detecting, counting, classifying, positioning and measuring of any type of object or media
- Accident and operator protection with sensors, safety software and services
- Automatic identification with bar code and RFID readers
- Laser measurement technology for detecting the volume, position and contour of people and objects
- Complete system solutions for analysis and flow measurement of gases and liquids



Comprehensive services

- SICK LifeTime Services for safety and productivity
- Application centers in Europe, Asia and North America for the development of system solutions under realworld conditions
- E-Business Partner Portal www.mysick.com – price and availability of products, requests for quotation and online orders

Worldwide presence with subsidiaries in the following countries:

Australia Belgium/Luxembourg Brasil

Ceská Republika

Canada China Danmark Deutschland España France

Great Britain

India Israel Italia Japan Nederland Norge Österreich Polska România Russia Schweiz Singapore Slovenija South Africa South Korea Suomi Sverige Taiwan

México

Türkiye United Arab Emirates

USA

Please find detailed addresses and additional representatives and agencies in all major industrial nations at www.sick.com

