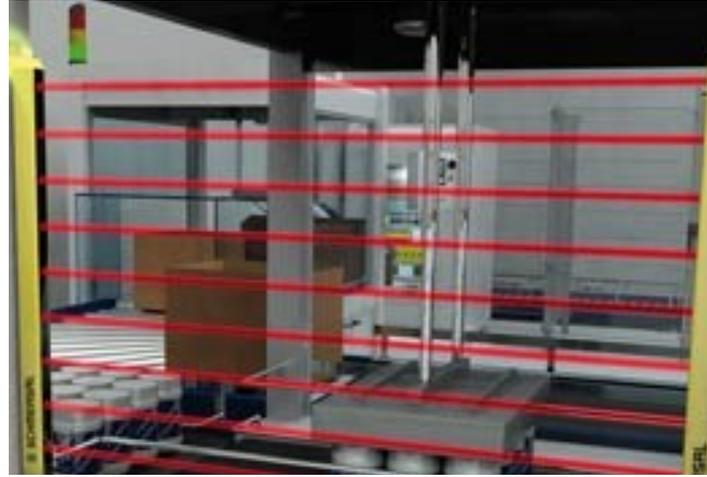
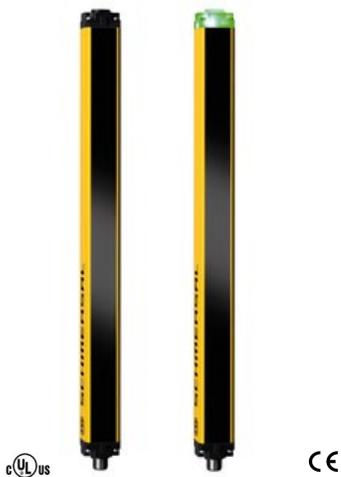


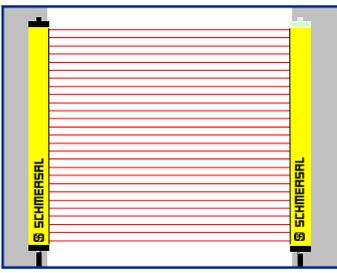
SLC440COM Compact Safety Light Curtains



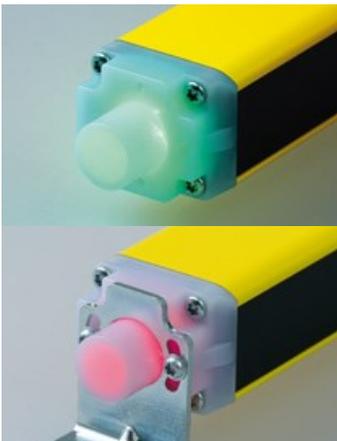
Features



Rugged closed housing profile



Protection height runs full length



Output status LED endcap

Overview

The SLC440COM Series is a version of the SLC440 Type 4 safety light curtains and grids designed without the 7 segment display or many of the integrated functions, offering only automatic and re-start modes. This series offers a cost effective option to machine builders and manufacturing facilities to select an appropriate safety light curtain for an application that may not need the functions integrated in the standard SLC440 series.

A major benefit of the SLC440COM is the zero dead space design which provides customers with a full protected height for the entire length of the light curtain. This is ideal for applications with space limitations or that require full length protection.

Operating status is clear and can be seen from a distance. The end cap of the receiver unit is molded from a semitransparent plastic that is illuminated by LED. It shows green for proper operation and red for a fault.

The SLC440COM series features a one-piece extruded reinforced housing in a compact 28 mm x 33 mm rectangular profile. This housing profile has proven to be less susceptible to mechanical damage and misalignment from torsion or bending.

SLC440COM Safety light curtains are used for the protection of hazardous areas, and are available with resolutions of 14, 30, or 35 mm and protection field heights between 330 and 1930 mm. They are also available for perimeter guarding as safety light grids (SLG440COM) with 2, 3, or 4 beams. The series is suited for use in safety circuits up to PLe (EN 13849) or SIL3 (IEC 61508).

Applications

- Power-driven machines
- Power presses for the metal and plastics industry
- Folding or brake presses
- Filter presses
- Punching machines
- Robot cells
- Welding booths
- Printing machines
- Injection molding
- Materials handling
- Palletizers
- Packaging equipment

Available Literature



Optoelectronic Devices Catalog

Ordering Details

SLC440COM-ER①-②

- ① Protection Height: (mm)
- | | | | |
|--------|-------|-------|--------|
| 0330 | 0410 | 0490 | 0570 |
| 0650 | 0730 | 0810 | 0890 |
| 0970 | 1050 | 1130 | 1210 |
| 1290 | 1370 | 1450 | 1530* |
| 1610* | 1690* | 1770* | 1850*† |
| 1930*† | | | |
- ② Resolution: (mm)
- | | |
|----|----------------------------------|
| 14 | with range: 0.3 m to 7 m (* 6 m) |
| 30 | with range: 0.3 m to 10 m |
| 35 | with range: 0.3 m to 7 m († 6 m) |

Mounting hardware included

Accessories

Connector cables

For emitter, and receiver in Automatic Reset
M12, 4 pole connector

- | | |
|----------------|------------|
| KA-0804 | 5 m cable |
| KA-0805 | 10 m cable |
| KA-0808 | 20 m cable |

For receiver in Manual Reset:
M12, 5 pole connector

- | | |
|-----------|------------|
| 101209949 | 5 m cable |
| 101209948 | 15 m cable |

Mounting

- | | |
|---------|----------------|
| MS-1100 | Mounting kit |
| MS-1110 | Center support |
| MSD5 | Spacers |

Deflection mirrors

- | | |
|------------|----------------|
| ULS-M-0200 | 200 mm height |
| ULS-M-0350 | 350 mm height |
| ULS-M-0500 | 500 mm height |
| ULS-M-0650 | 650 mm height |
| ULS-M-0800 | 800 mm height |
| ULS-M-0950 | 950 mm height |
| ULS-M-1250 | 1250 mm height |
| ULS-M-1550 | 1550 mm height |
| ULS-M-1700 | 1700 mm height |

Compatible Safety Controllers

- | | |
|--------------------|--------------------|
| SRB-E-201LC | SRB-E-322ST |
| SRB-E-201ST | SRB-E-402ST |
| SRB-E-301ST | SRB-301MC |
| SRB-E-212ST | |

Bold part numbers are regularly stocked

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