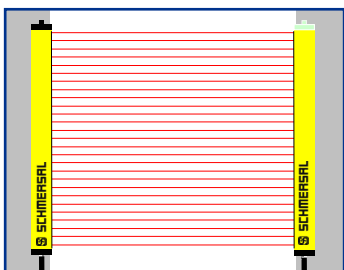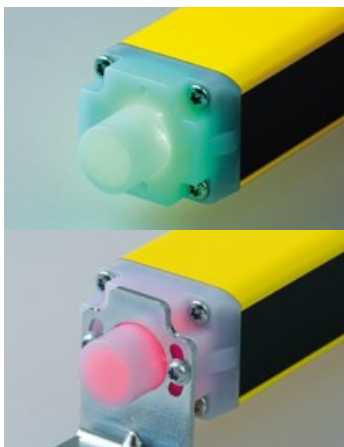# SLC440COM Compact Safety Light Curtains
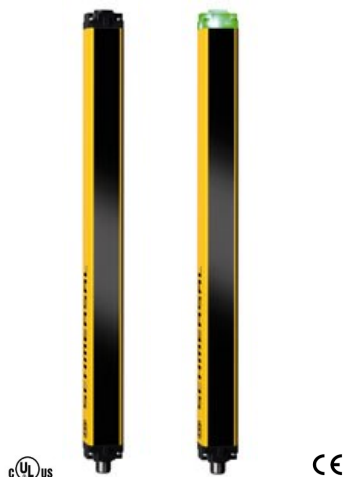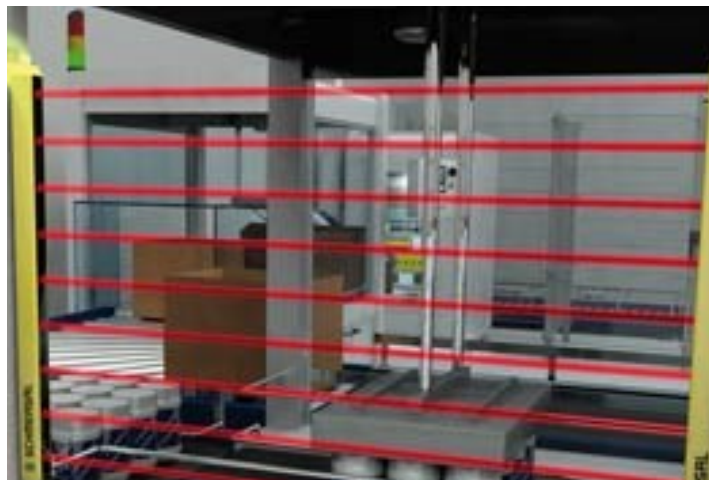
Features
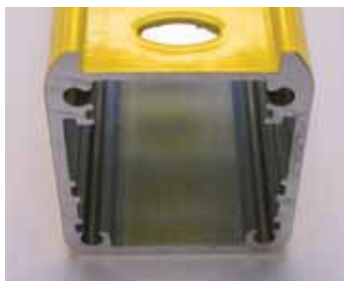
Rugged closed housing profile

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 1770 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

Contact

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