



SOLID-4E Type 4 Safety Light Curtains



601461-04/06 Subject to change without prior notice

**Reliable safety sensor technology
for optimum productivity**

- Easy to use
- Reliable
- Slender

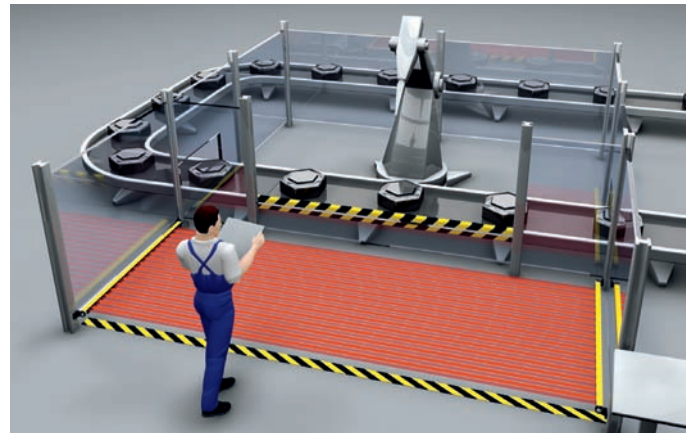


Benefit from reliable, application-oriented and cost-effective safety technology

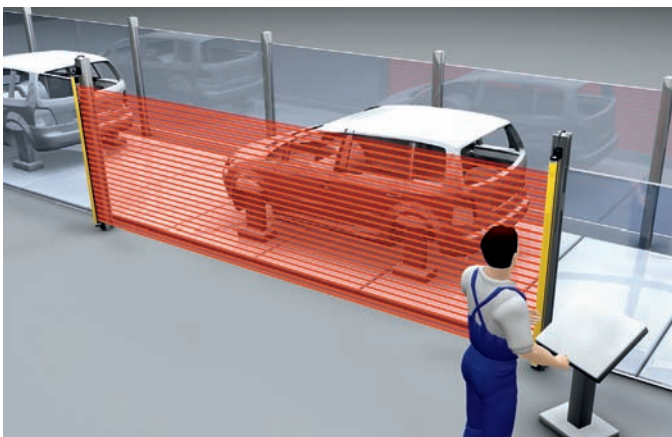
Regardless of your safety application, the SOLID-4E series offer reliable protection with their robust and fail-safe construction. Ensures the highest level of system availability.



Safeguarding danger points on presses with 20 mm resolution for hand protection



Safeguarding danger areas with horizontal installation of a light curtain with 40 mm resolution on a robot cell



Access guarding on transport conveyors with ranges of up to 20 m with integrated start/restart interlock

SOLID-4E Type 4 Safety Light Curtains – as flexible as your production has to be

Rapid market changes require flexible production line adjustments. This demands long-life safety sensor technology that is versatile in its application. The safety light curtains of the SOLID-4E series meet these requirements and therefore ensure investment security. Protected by a warp-resistant, form-holding

profile housing closed on four sides and its uncomplicated M12 connection technology, they withstand even the toughest industrial conditions. Versatile mounting options enable for fast installation times and able to accommodate easy changeovers.



Tight installation space – no problem for SOLID-4E

With its sleek robust aluminum housing (cross-section of only 30 x 34 mm) and its versatile installation system, the SOLID-4E can be used in the tightest of applications.

Two different, configurable channels, prevent unintentional faulty switchovers caused by optical cross-talk of adjacent devices.



► SOLID-4E – the “solutions-oriented” model series

The SOLID-4 series is available in different resolutions. The wide range of protective field heights from 150–1800 mm (with 90 mm resolution, 600–1800 mm) enables use with numerous applications.

- SD4-14E (14 mm resolution)*
Range 0–6 m
- SD4-20E (20 mm resolution)
Range 0.7–14 m
- SD4-30E (30 mm resolution)
Range 0.5–9 m
- SD4-40E (40 mm resolution)
Range 0.9–20 m
- SD4-90E (90 mm resolution)
Range 0.9–20 m

* = available from Q4 2006

► Download

You will find more technical information on SOLID-4E Type 4 Safety Light Curtains at:

www.leuze.com/solid-4

SOLID-4E: Advantages at a glance

- Self-Monitoring Safety Light Curtain Type 4 in accordance with IEC 61496-1, prEN 61496-2
- Slender, robust aluminium housing (cross-section – 30 x 34 mm)
- Interference-free operation of adjacent devices with selection of different transmission channels
- Wide-ranging diversity of protective field heights and resolution variants
- Selectable start/restart interlock and monitoring function
- Easy installation and alignment with functional mounting technology
- Maintenance-free with fail-safe OSSD semiconductor outputs

More functions required? Connection and service options:

- Muting or single-cycle/double-cycle control in conjunction with the intelligent safety interfaces of the MSI-m, MSI-i or MSI-mi series
- Additional connection of safety switches or emergency STOP command devices with the MSI-sx, MSI-ix, MSI-mx or MSI-mix interfaces.

► More questions on SOLID-4E applications?

Talk to your Leuze sales partner or with our service team at:

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or contact us at:

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