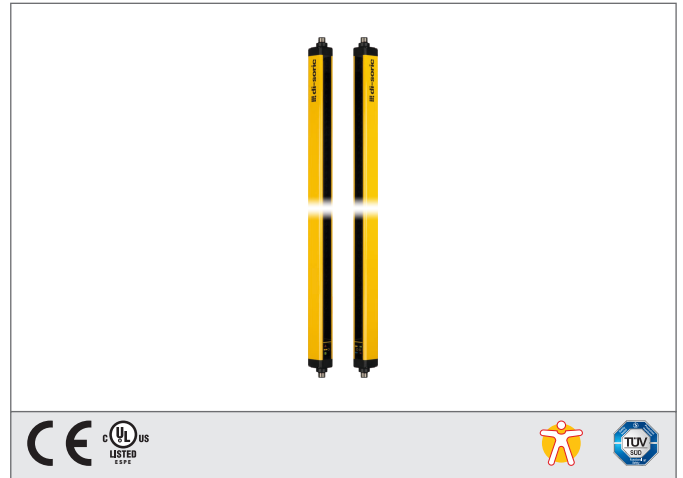


# SLI2-1055-M

## Safety light curtain

- Attractive priced solution for safety level 2
- Resolution for body protection and presence control
- Combination of different resolutions and protective field heights
- Up to three monitoring areas
- Only one safety module / two relays required for evaluation
- Simplified cabling via series connection
- Unshielded cable connections
- Cable connection Master up to 100 m
- Cable connection Master / Slave 2 / Slave up to 50 m
- Selectable manual or automatic Start/Restart
- Feedback input for external relay monitoring (EDM)
- High protection class



### Safety instructions

All the installation, connection and safety regulations, as per our technical information, have to be strictly adhered to.  
The set-up of the products have to be made by skilled staff, only.  
Repair exclusively made by di-soric.



| TECHNICAL INFORMATION (typ.)     |  | +20°C, 24 V DC  |
|----------------------------------|--|---|
| Safety level                     |  | Type 2 (IEC/TS 61496-2), SIL 1 (IEC 61508), SILCL 1 (IEC 62061), PL c - Cat. 2 (EN ISO 13849-1) |
| Security level                   |  | Body protection   |
| Total height (A)                 |  | 1.137 mm  |
| Protective field height (B)      |  | 1.060 mm  |
| Model                            |  | built-in control functions (EDM), Master  |
| Mounting                         |  | T-shaped slot (Backside), / Holder SFB E 180 (optional)   |
| Number of beams                  |  | 28  |
| Emitted light                    |  | Infrared, 950 nm  |
| Safety output                    |  | PNP (2x), 400 mA / 24 V DC  |
| Service voltage                  |  | 19,2 ... 28,8 V DC  |
| Operating distance               |  | 4 m (Low Range) / 12 m (High Range)   |
| Resolution                       |  | 50 mm   |
| Inverse polarity protection      |  | Yes   |
| Display                          |  | LEDs for light curtain's status and diagnostic  |
| Start / restart                  |  | Automatic / manual (selectable)   |
| External Device Monitoring - EDM |  | Feedback input, enabling selectable   |
| Short-circuit protection         |  | yes   |
| Reaction time                    |  | calculation formula   |
| Self diagnostic                  |  | Every 500 ms (2 Hz)   |
| Ambient temperature              |  | -30 ... +55 °C  |
| Protection class                 |  | IP 65, IP 67  |
| Protection degree                |  | III, operation on protective low voltage  |

## SLI2-1055-M Safety light curtain



| <b>TECHNICAL INFORMATION (typ.)</b> | <b>+20°C, 24 V DC</b>   |
|-------------------------------------|---|
| For                                 | Operating with Slave or Slave 2 / Slave   |
| Casing material                     | Aluminium   |
| Material                            | polycarbonate (Window)  |
| Connection                          | M12, 5poled for transmitter, M12, 8poled for receiver, Connector, (Master)  |
| Connection Master / Slave 2 / Slave | Connector, M12, 5-poled for transmitter and receiver  |
| Cable                               | unshielded connection cables max. 100 m, unshielded connecting cables Master / Slave 2 / Slave max. 50 m  |
| Scope of delivery                   | Emitter + receiver, one set of standard fixing brackets SA 4, CD-ROM containing the multi-language instruction manual, quick installation guide |