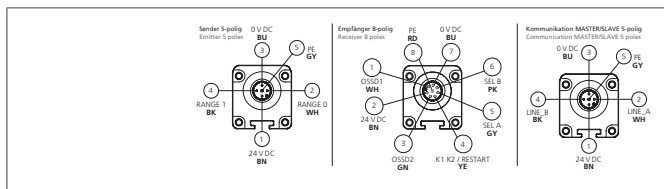


# SLI2-609-M

## Safety light curtain

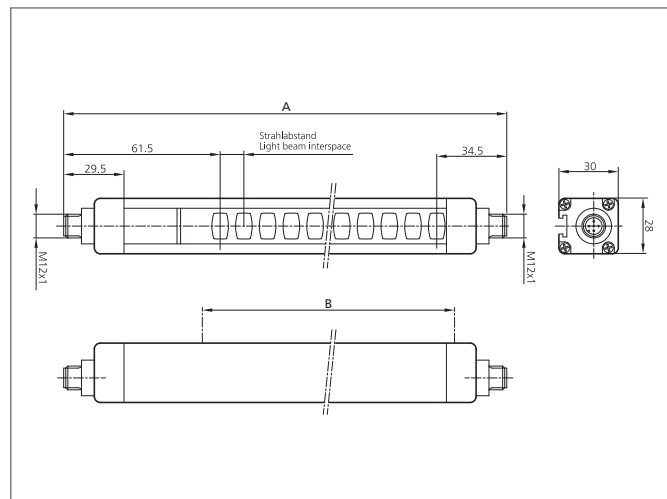


- Attractive priced solution for safety level 2
- Resolution for body protection and presence control
- Combination of different resolutions and protective field heights
- Up to three monitoring areas
- Only one safety module / two relays required for evaluation
- Simplified cabling via series connection
- 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
- Feedpack 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.)     |                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Safety level                     | <b>+20°C, 24 V DC</b><br>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)                 | 687 mm                                                                                                                   |
| Protective field height (B)      | 610 mm                                                                                                                   |
| Model                            | built-in control functions (EDM), Master                                                                                 |
| Mounting                         | T-shaped slot (Backside), / Holder SFB E 180 (optional)                                                                  |
| Number of beams                  | 8                                                                                                                        |
| 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                       | 90 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                                                                                 |

## SLI2-609-M

### Safety light curtain



| TECHNICAL INFORMATION (typ.)        |  | +20°C, 24 V DC                                                                                                                                  |
|-------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 |