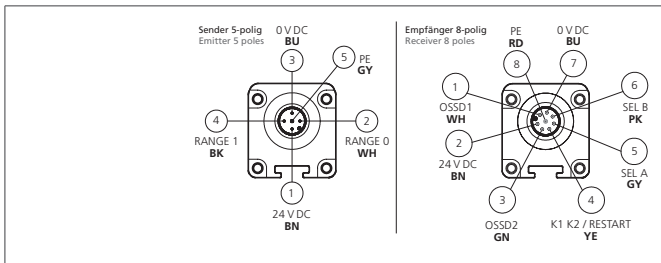
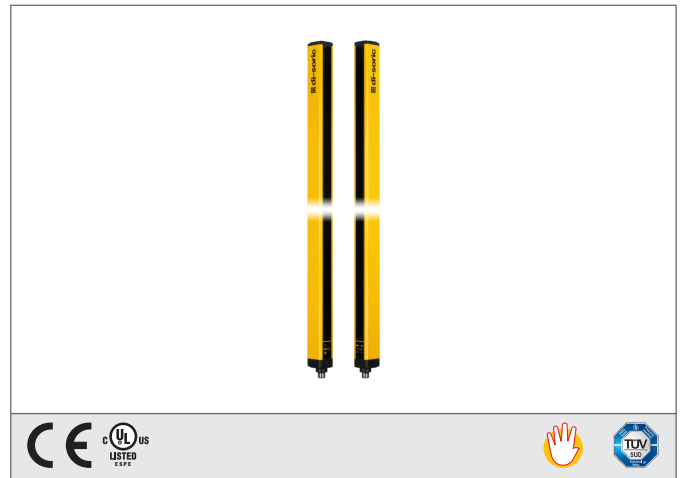


# SLIH4-1504

## Safety light curtain

- Highest safety level
- Resolution for hand protection
- High operating distance for large systems and applications with deflecting mirrors
- Protection area until end of profile
- Integrated safety function - no external safety relay required
- Parameterisation via connecting cable
- Selectable manual or automatic Start/Restart
- Feedpack input for external relay monitoring (EDM)
- Unshielded connecting cables to 100 m
- 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 4 (IEC/TS 61496-2), SIL 3 (IEC 61508), SILCL 3 (IEC 62061), PL e - Cat. 4 (EN ISO 13849-1) |
| Security level                   |  | Hand detection                                                                                  |
| Total height (A)                 |  | 1.563 mm                                                                                        |
| Protective field height (B)      |  | 1.510 mm                                                                                        |
| Model                            |  | built-in control functions (EDM), extended range                                                |
| Mounting                         |  | T-shaped slot (Backside), / Holder SFB E 180 (optional)                                         |
| Number of beams                  |  | 51                                                                                              |
| Emitted light                    |  | Infrared, 950 nm                                                                                |
| Safety output                    |  | PNP (2x), 400 mA / 24 V DC                                                                      |
| Service voltage                  |  | 19,2 ... 28,8 V DC                                                                              |
| Operating distance               |  | 10 m (Low Range) / 20 m (High Range)                                                            |
| Resolution                       |  | 40 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                    |  | 8 ms                                                                                            |
| Ambient temperature              |  | -20 ... +55 °C                                                                                  |
| Protection class                 |  | IP 65, IP 67                                                                                    |
| Protection degree                |  | III, operation on protective low voltage                                                        |
| Casing material                  |  | Aluminium                                                                                       |

# SLIH4-1504

## Safety light curtain



| <b>TECHNICAL INFORMATION (typ.)</b> |  | <b>+20°C, 24 V DC</b>                                                                                                                           |
|-------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Material                            |  | polycarbonate (Window)                                                                                                                          |
| Connection                          |  | M12, 5poled for transmitter, M12, 8poled for receiver, Connector                                                                                |
| Cable                               |  | unshielded connection cables max. 100 m                                                                                                         |
| Scope of delivery                   |  | Emitter + receiver, one set of standard fixing brackets SA 6, CD-ROM containing the multi-language instruction manual, quick installation guide |