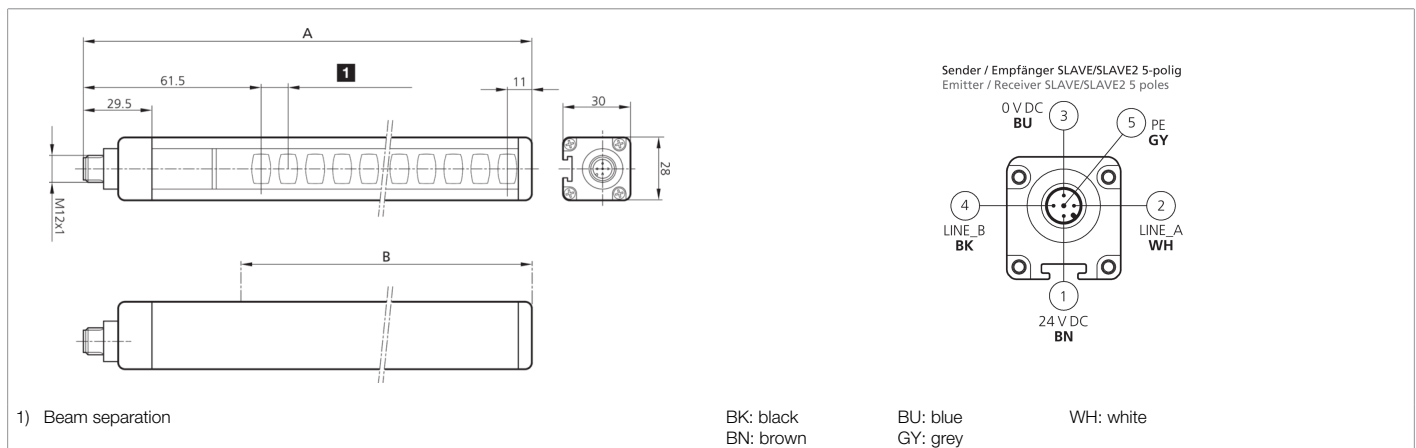




# 209091 SLI4-904-S Safety light curtain

- Highest safety level
- Resolution for hand protection
- Combination of different resolutions and protective field heights
- Up to three monitoring ranges
- Only one safety module / two relays required for evaluation
- Simplified cabling via series connection
- Unshielded connection cables
- Cable connection Master / Slave 2 / Slave up to 50 m
- High protection type



## Function



| Technical data (typ.)               | +20°C, 24 V DC                                                                                                                                          |
|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Service voltage                     | 19.2 ... 28.8 V DC                                                                                                                                      |
| Inverse polarity protection         | Yes                                                                                                                                                     |
| Short-circuit protection            | Yes                                                                                                                                                     |
| Total height (A)                    | 963 mm                                                                                                                                                  |
| Mounting                            | T-groove (backside), / Holder SFB E 180 (optional)                                                                                                      |
| Housing material                    | Aluminum                                                                                                                                                |
| Material                            | Polycarbonate (Window)                                                                                                                                  |
| Characteristic variables            | Typ 4, Typ 4 (IEC/TS 61496-2), SIL 3 (IEC 61508), SILCL 3 (IEC 62061), PL e - Kat. 4 (EN ISO 13849-1)                                                   |
| Protective function                 | Hand protection                                                                                                                                         |
| Protection class                    | III, operation on protective low voltage                                                                                                                |
| Model                               | built-in control functions (EDM), Slave                                                                                                                 |
| To be used for                      | Operating with Master or Master / Slave 2                                                                                                               |
| Master / slave 2 / slave connection | Connector, M12, 5-pin for transmitter and receiver                                                                                                      |
| Scope of delivery                   | Transmitter + receiver, one set of standard fixing brackets SA 4, CD-ROM containing the multi-language operating instructions, Quick installation guide |
| Light source                        | LED                                                                                                                                                     |
| Color                               | Infrared                                                                                                                                                |
| Wavelength                          | 950 nm                                                                                                                                                  |
| Number of beams                     | 31                                                                                                                                                      |
| Protective field height (B)         | 910 mm                                                                                                                                                  |
| Range                               | 4000 mm (Low range) / 12000 mm (High range)                                                                                                             |
| Resolution                          | 40.0 mm                                                                                                                                                 |

**209091****SLI4-904-S****Safety light curtain****Technical data (typ.)****+20°C, 24 V DC**

Display

LED (Self-diagnosis and status of light barrier)

Reaction time

Berechnungsformel

Ambient temperature during operation

-20 ... +55 °C

Protection type

IP 65 / IP 67

Cable

unshielded connection cable master / slave 2 / slave max. 50 m

**More information / accessories**<https://www.di-soric.com/209091>