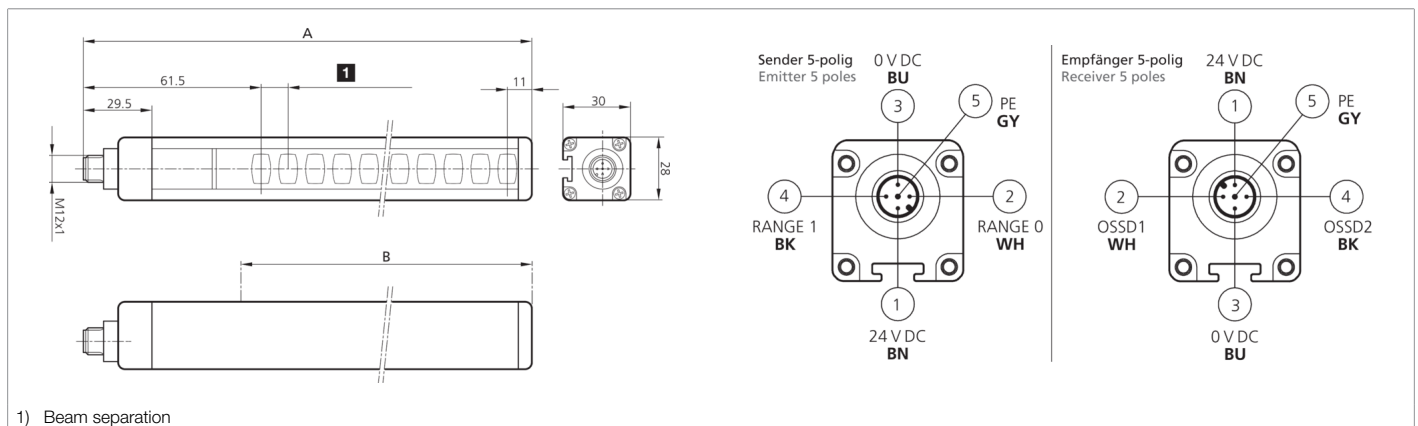




## 208511 SLB4-305 Safety light curtain

- Highest safety level
- Resolution for body protection and presence control
- Protective range to profile end
- Parameterization via connecting cable
- Easy and fast startup
- Automatic Start/Restart
- For Modular Safety Controller / safety relays
- Unshielded connecting cables up to 100 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)            |  | 363 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         |  | Body protection                                                                                                                                         |
| Protection class            |  | III, operation on protective low voltage                                                                                                                |
| Model                       |  | Basic                                                                                                                                                   |
| Start / restart             |  | Automatic                                                                                                                                               |
| Scope of delivery           |  | Transmitter + receiver, one set of standard fixing brackets SA 4, CD-ROM containing the multi-language operating instructions, Quick installation guide |
| Safety output               |  | pnp (2x), 400 mA / 24 V DC                                                                                                                              |
| Light source                |  | LED                                                                                                                                                     |
| Color                       |  | Infrared                                                                                                                                                |
| Wavelength                  |  | 950 nm                                                                                                                                                  |
| Number of beams             |  | 8                                                                                                                                                       |
| Protective field height (B) |  | 310 mm                                                                                                                                                  |
| Range                       |  | 4000 mm (Low range) / 12000 mm (High range)                                                                                                             |
| Resolution                  |  | 50.0 mm                                                                                                                                                 |



**208511**  
**SLB4-305**  
**Safety light curtain**

| Technical data (typ.)                |  | +20°C, 24 V DC                                                                |
|--------------------------------------|--|-------------------------------------------------------------------------------|
| Display                              |  | LED (Self-diagnosis and status of light barrier)                              |
| Reaction time                        |  | 4 ms                                                                          |
| Ambient temperature during operation |  | -20 ... +55 °C                                                                |
| Protection type                      |  | IP 65 / IP 67                                                                 |
| Connection                           |  | Connector, M12, 5-pin (Transmitter)                                           |
| Connection 2                         |  | Connector, M12, 5-pin (Receiver)                                              |
| Cable                                |  | unshielded connection cables max. 100 m                                       |
| More information / accessories       |  | <a href="https://www.di-soric.com/208511">https://www.di-soric.com/208511</a> |