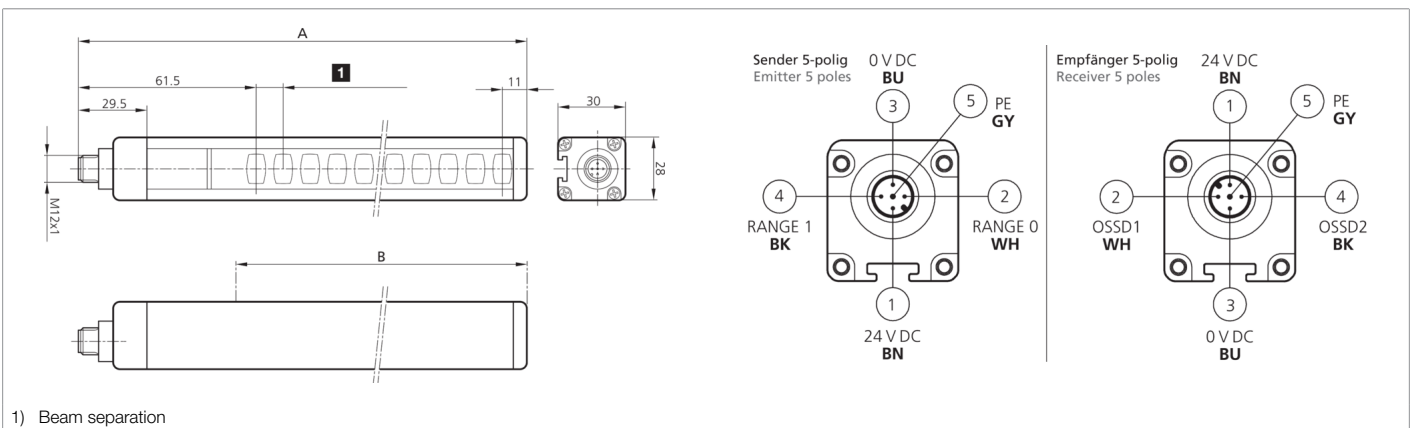




208515
SLB4-453
Safety light curtain

- Highest safety level
- Resolution for hand protection
- 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



1) Beam separation

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) | 513 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 | 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 | 23 |
| Protective field height (B) | 460 mm |
| Range | 4.000 mm (Low range) / 12.000 mm (High range) |
| Resolution | 30,0 mm |



208515

SLB4-453

Safety light curtain

| | |
|---------------------------------------|--|
| Technical data (typ.) | +20°C, 24 V DC |
| Display | LED (Self-diagnosis and status of light barrier) |
| Reaction time | 7,5 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 | https://www.di-soric.com/208515 |