



**208525**  
**SLB4-751**  
**Safety light curtain**

- Highest safety level
- Resolution for finger 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)            | 813 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         | Finger 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             | 75  |
| Protective field height (B) | 760 mm  |
| Range                       | 3000 mm (Low range) / 6000 mm (High range)  |
| Resolution                  | 14.0 mm   |



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|                                       |  |
|---------------------------------------|--|
| <b>Technical data (typ.)</b>          | <b>+20°C, 24 V DC</b>  |
| Display                               | LED (Self-diagnosis and status of light barrier)                                     |
| Reaction time                         | 11 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  |
| <b>More information / accessories</b> | <b><a href="https://www.di-soric.com/208525">https://www.di-soric.com/208525</a></b> |