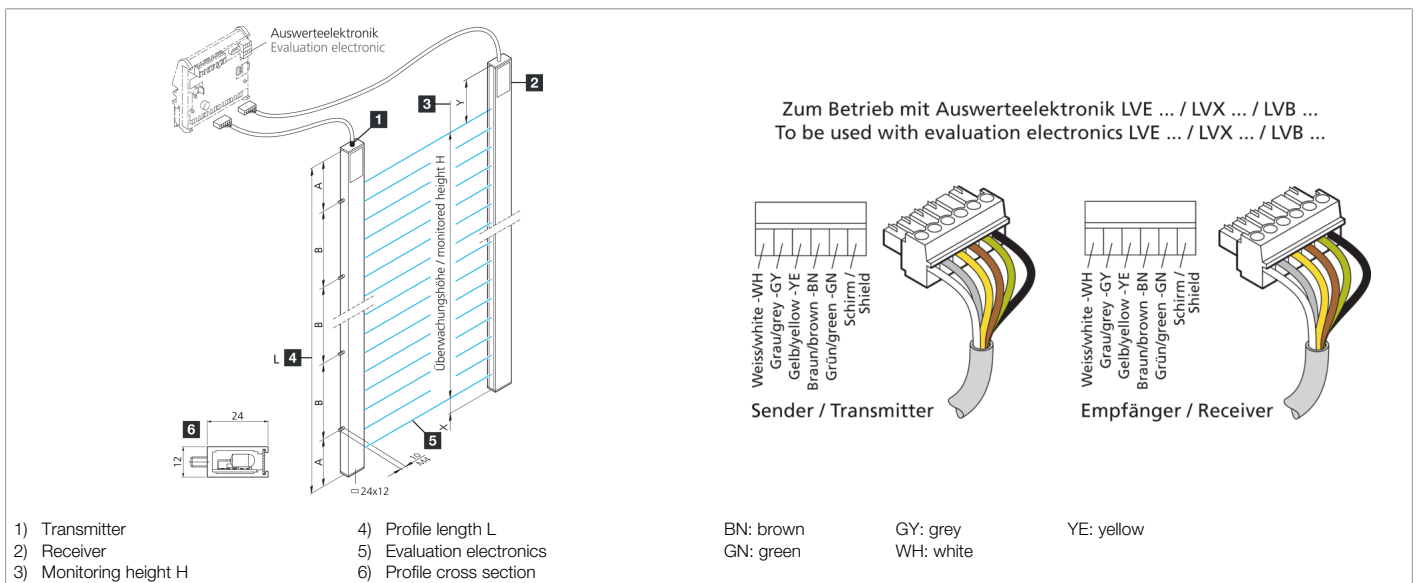




209603
LI 16-112-1677-1830 I
Light grids

- With evaluation electronics LVE ... / LVX ... measuring and switching
- With evaluation electronics LVB ... switching
- Beam evaluation horizontal or diagonal
- Compact design
- Aluminum housing
- Easy to install



| Function | | | | | | | | | | | | | |
|----------|--|--|--|--|--|--|--|--|--|--|--|----|--|
| | | | | | | | | | | | | CE | |

| Technical data (typ.) | +20°C, 24 V DC |
|------------------------|---|
| Service voltage | 20 ... 26 V DC (see evaluation electronics) |
| Assembly | Threaded bolt (4) |
| Profile cross section | 12 x 24 mm |
| Dimension | <ul style="list-style-type: none"> ■ A: 165 mm ■ B: 500 mm ■ X: 20 mm ■ Y: 130 mm |
| Profile length | 1830 mm |
| Housing material | Aluminum (natural) |
| Protection class | III, operation on protective low voltage |
| Evaluation | absolute, percentage, Configurable via evaluation electronics |
| Evaluation electronics | external |
| Output function | Configurable via evaluation electronics |
| Switching output | Configurable via evaluation electronics, NO, NC |
| Light source | LED |
| Color | Infrared |
| Wavelength | 880 nm |
| Beam evaluation | via external evaluation electronics |
| Beam separation | 112 mm |



209603

LI 16-112-1677-1830 I

Light grids

| | |
|---------------------------------------|--|
| Technical data (typ.) | +20°C, 24 V DC |
| Number of beams | 16 |
| Monitoring height | 1677 mm |
| Range | 250 ... 6000 mm (adjustable via evaluation electronics) |
| Measuring range | 1677 mm |
| Ambient temperature during operation | -20 ... +40 °C |
| Protection type | IP 54 (IP 65 optional) |
| Connection | Cable, 4.0 m (with plug connector, additional variants on request) |
| More information / accessories | https://www.di-soric.com/209603 |