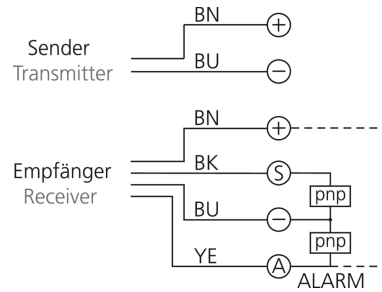




207048
LA 40-50-1950-2160 I-H
Light grids

- Horizontal beam evaluation
- Integrated evaluation electronics
- Switching output
- Fault alarm output
- Compact design
- Aluminum housing
- Easy to install



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

| Technical data (typ.) | +20°C, 24 V DC |
|------------------------|---|
| Service voltage | 20.4 ... 28.8 V DC |
| Power consumption | 8 W |
| Assembly | Threaded bolt (5) |
| Profile cross section | 12 x 24 mm |
| Dimension | <ul style="list-style-type: none"> ■ A: 130 mm ■ B: 500 mm ■ X: 20 mm ■ Y: 185 mm |
| Profile length | 2160 mm |
| Housing material | Aluminum (silver, Anodized) |
| Protection class | III, operation on protective low voltage |
| EMC directives | EN 61000-6-3:2001 / EN 61000-6-1:2001 |
| Evaluation | horizontal |
| Evaluation electronics | integrated |
| Output function | Light switching |
| Switching output | pnp, 200 mA, NC, short-circuit-proof |
| Light source | LED |
| Color | Infrared |
| Wavelength | 880 nm |



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LA 40-50-1950-2160 I-H

Light grids

| Technical data (typ.) | +20°C, 24 V DC |
|--------------------------------------|---|
| Beam evaluation | via integrated evaluation electronics |
| Beam separation | 50 mm |
| Number of beams | 40 |
| Monitoring height | 1950 mm |
| Range | 700 ... 4000 mm (factory setting) |
| Display | LED (Service voltage / output stage, error (alarm)) |
| Cycle time per light beam | 1 ms |
| Total cycle time | Anzahl Lichtstrahlen x 1 ms + 4 ms |
| Basic processing time | 4 ms |
| Ambient temperature during operation | -10 ... +45 °C |
| Protection type | IP 54 (IP 65 optional) |
| Connection | Cable, 4.0 m (with ferrule) |
| More information / accessories | https://www.di-soric.com/207048 |