



**204993**  
**LA 48-25-1175-1360 I-D**  
**Light grids**

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



| Function |  |  |  |  |  |  |  |  |  |  |  |
|----------|--|--|--|--|--|--|--|--|--|--|--|
|          |  |  |  |  |  |  |  |  |  |  |  |

| Technical data (typ.)  | +20°C, 24 V DC   |
|------------------------|--|
| Service voltage        | 20.4 ... 28.8 V DC   |
| Power consumption      | 8 W  |
| Assembly               | Threaded bolt (3)  |
| Profile cross section  | 12 x 24 mm   |
| Dimension              | <ul style="list-style-type: none"> <li>■ A: 80 mm</li> <li>■ B: 600 mm</li> <li>■ X: 20 mm</li> <li>■ Y: 160 mm</li> </ul> |
| Profile length         | 1360 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        | Dark switching   |
| Switching output       | pnp, 200 mA, NO, short-circuit-proof   |
| Light source           | LED  |
| Color                  | Infrared   |
| Wavelength             | 880 nm   |

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| <b>Technical data (typ.)</b>          | <b>+20°C, 24 V DC</b>  |
|---------------------------------------|--|
| Beam evaluation                       | via integrated evaluation electronics  |
| Beam separation                       | 25 mm  |
| Number of beams                       | 48   |
| Monitoring height                     | 1175 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)  |
| <b>More information / accessories</b> | <b><a href="https://www.di-soric.com/204993">https://www.di-soric.com/204993</a></b> |