

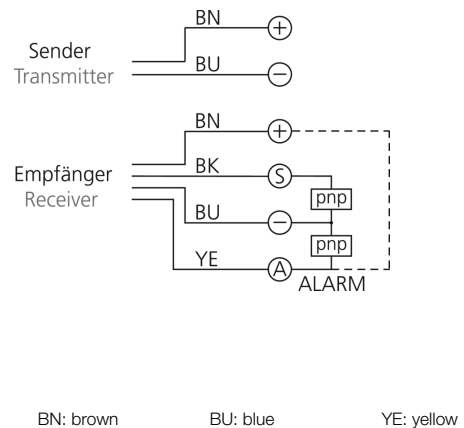
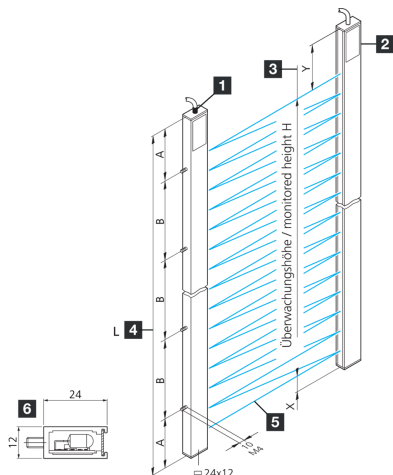


# 207308

## LA-D 16-25-375-560 I-D

### Light grids

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



- 1) Transmitter  
2) Receiver  
3) Monitoring height H  
4) Profile length L  
5) Synchronous beam  
6) Profile cross section

#### Function



#### Technical data (typ.)

#### +20°C, 24 V DC

|                        |                                                                                                                            |
|------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Service voltage        | 20,4 ... 28,8 V DC                                                                                                         |
| Power consumption      | 8 W                                                                                                                        |
| Assembly               | Threaded bolt (2)                                                                                                          |
| Profile cross section  | 12 x 24 mm                                                                                                                 |
| Dimension              | <ul style="list-style-type: none"> <li>■ A: 80 mm</li> <li>■ B: 400 mm</li> <li>■ X: 20 mm</li> <li>■ Y: 160 mm</li> </ul> |
| Profile length         | 560 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             | diagonal                                                                                                                   |
| Evaluation electronics | integrated                                                                                                                 |
| Output function        | Dark switching                                                                                                             |
| Switching output       | pnp, 200 mA, NO, short-circuit-proof                                                                                       |
| Light source           | LED                                                                                                                        |
| Color                  | Infrared                                                                                                                   |
| Wavelength             | 880 nm                                                                                                                     |

**207308****LA-D 16-25-375-560 I-D****Light grids**

| <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                       |  | 16                                                                                   |
| Monitoring height                     |  | 375 mm                                                                               |
| Range                                 |  | 700 ... 4.000 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/207308">https://www.di-soric.com/207308</a></b> |