

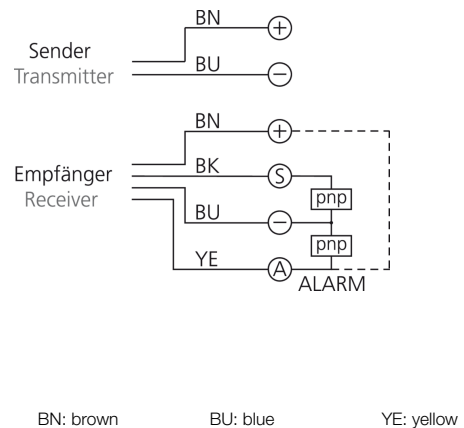
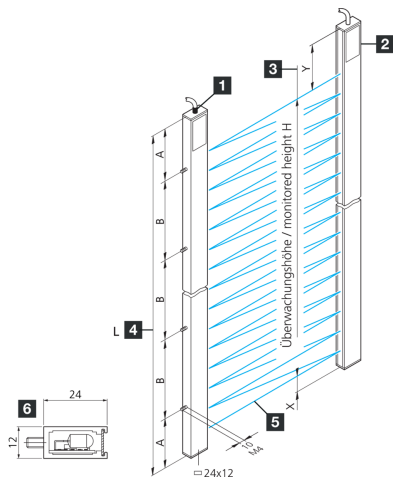


207330

LA-D 16-112-1677-1950 I-H

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 (4)
Profile cross section	12 x 24 mm
Dimension	■ A: 75 mm ■ B: 600 mm ■ X: 20 mm ■ Y: 245 mm
Profile length	1950 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	Light switching
Switching output	pnp, 200 mA, NC, short-circuit-proof
Light source	LED
Color	Infrared
Wavelength	880 nm


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LA-D 16-112-1677-1950 I-H
Light grids

Technical data (typ.)		+20°C, 24 V DC
Beam evaluation		via integrated evaluation electronics
Beam separation		112 mm
Number of beams		16
Monitoring height		1677 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/207330