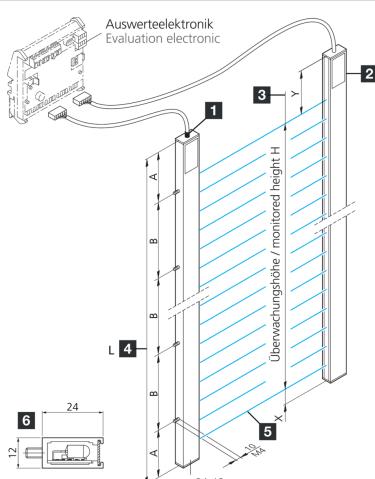


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**LI 144-10-1430-1490 I**

## 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



1) Transmitter

2) Receiver

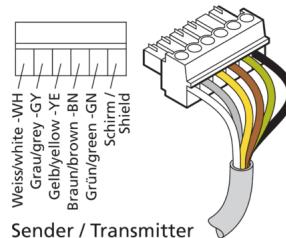
3) Monitoring height H

4) Profile length L

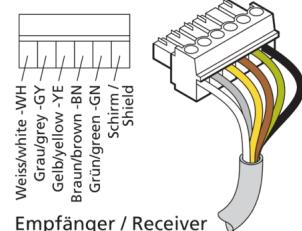
5) Evaluation electronics

6) Profile cross section

Zum Betrieb mit Auswerteelektronik LVE ... / LVX ... / LVB ...  
To be used with evaluation electronics LVE ... / LVX ... / LVB ...



Sender / Transmitter



Empfänger / Receiver

BN: brown

GN: green

GY: grey

WH: white

YE: yellow

### Function



### Technical data (typ.)

Service voltage

+20°C, 24 V DC

20 ... 26 V DC (see evaluation electronics)

Assembly

Threaded bolt (4)

Profile cross section

12 x 24 mm

Dimension

- A: 145 mm
- B: 400 mm
- X: 13.5 mm
- Y: 38.5 mm

Profile length

1490 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

10 mm

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LI 144-10-1430-1490 I

 Light grids**Technical data (typ.)**

Number of beams	144
Monitoring height	1430 mm
Range	250 ... 6000 mm (adjustable via evaluation electronics)
Measuring range	1430 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/209588>