

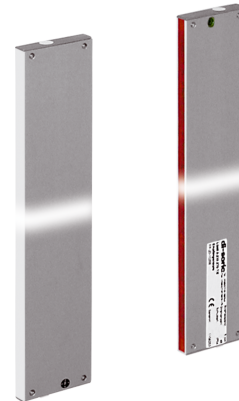


207855

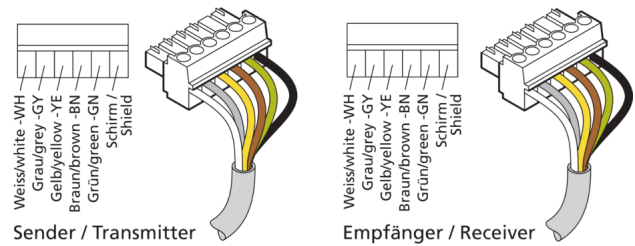
LI 160-5-795-830 T

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



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



- 1) Transmitter
- 2) Receiver
- 3) Monitoring height H

- 4) Profile length L
- 5) Evaluation electronics
- 6) Profile cross section

BN: brown
GN: green

GY: grey
WH: white

YE: yellow

Function



Technical data (typ.)

+20°C, 24 V DC

Electrical features

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

Mechanical features

Profile cross section	12 x 58 mm
Housing height	58 mm
Housing width	12 mm
Dimension	■ X: 17.5 mm ■ Y: 17.5 mm
Profile length	830 mm
Housing material	Aluminum (natural)

Certifications, approvals

Protection class III, operation on protective low voltage

General features

Evaluation	absolute, percentage, Configurable via evaluation electronics
Evaluation electronics	external



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Light grids

Technical data (typ.)		+20°C, 24 V DC
Output, input, interface		
Output function	Configurable via evaluation electronics	
Switching output	Configurable via evaluation electronics, NO, NC	
Optical data		
Light source	LED	
Color	Infrared	
Wavelength	880 nm	
Beam evaluation	via external evaluation electronics	
Detection range, measuring range, tolerance limits		
Beam separation	5 mm	
Number of beams	160	
Monitoring height	795 mm	
Range	250 ... 6000 mm (adjustable via evaluation electronics)	
Measuring range	795 mm	
Ambient conditions		
Ambient temperature during operation	-20 ... +40 °C	
Protection type	IP 54 (IP 65 optional)	
Electrical connection		
Connection	Cable, 4.0 m (with plug connector, additional variants on request)	
More information / accessories		https://www.di-soric.com/207855