



205905
LA-D 16-12.5-188-360 I-H
Light grids

- Diagonal 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 (2)
Profile cross section	12 x 24 mm
Dimension	<ul style="list-style-type: none"> ■ A: 30 mm ■ B: 300 mm ■ X: 13.5 mm ■ Y: 153.5 mm
Profile length	360 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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Technical data (typ.)	+20°C, 24 V DC
Beam evaluation	via integrated evaluation electronics
Beam separation	12.5 mm
Number of beams	16
Monitoring height	188 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/205905