

cegard/Max

Custom-made edges

Technical data

The following features can be customized

- Edge length
- Resolution
- Cascaded systems
- Enclosure rating (up to IP67)
- Cable length
- Fixed/plugable cables
- Color

Other features

- Almost no mechanical overhead to fit every application
- Wide input-voltage range and relay output
- Intelligent self-calibration



Optical

Operating range	0 ... 5 m
	0.5 ... 8 m
Protection height	up to 2,702.5 mm
Number of optical elements	16 / 24 / 32
Number of beams with	
16 elements	74
24 elements	114
32 elements	154
Max. ambient light	100,000 Lux

Mechanical

Dimensions (w × h × l)	12 × 16 × max. 2,730 mm cascaded systems possible
Housing material	Natural or black anodized aluminum, other colors on request
Enclosure rating	
- Housing	IP65 or IP67
- Control unit	IP54
Temperature range	-20 °C ... +60 °C

Electrical

Supply voltage U _{sp}	17 ... 240 VAC / VDC
Max. current consumption	150 mA
Relay output	Max. 250 VAC / 8 A Max. 125 VDC / 0.5 A Max. 30 VDC / 8 A Min. 5 VDC / 10 mA
Typ. response time with	
16 elements	50 ms
24 elements	75 ms
32 elements	100 ms

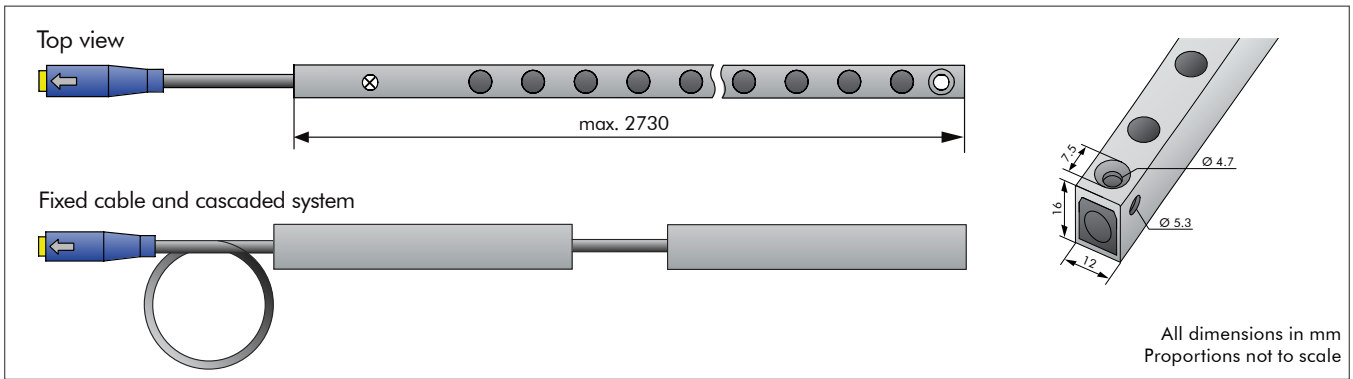
General

EMC emission	EN 12015:2014
EMC immunity	EN 12016:2013
Vibration	IEC 60068-2-6:2007
Shock	IEC 60068-2-27:2008
Cable durability	IEC 60227-2:2003
RoHS	2011/65/EU
Certificates	CE, CSA

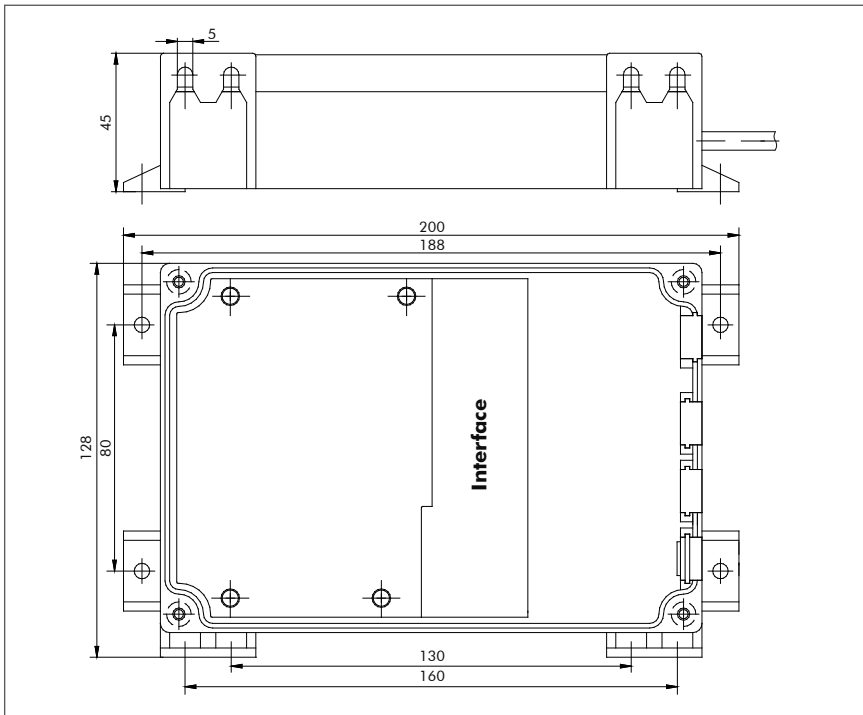


CEDES AG is certified according to ISO 9001: 2008

Dimensions - light curtain



Dimensions - control unit



Applications

