

# cegard/Max-74/114/154

## Technical data

cegard/Max	74 E	74 U / G	74 H / P	114 U / H	154 U / L
<b>Optical</b>					
Number of elements	16	16	16	24	32
Max. number of beams	74	74	74	114	154
Operating range	0 ... 5 m	0 ... 5 m	0 ... 5 m	0 ... 5 m	0 ... 5 m
Lowest beam	20 mm	20 mm	22 mm	20 mm	20 mm
Uppermost beam	1,625 mm	1,625 mm / 1,400 mm	1,822 mm	1,630 mm / 1,814 mm	1,800 mm
Pitch	107 mm	107 mm / 95 mm	120 mm	70 mm / 78 mm	57 mm
Max. ambient light	100,000 Lux	100,000 Lux	100,000 Lux	100,000 Lux	100,000 Lux
<b>Mechanical</b>					
Profile length	2,000 mm	2,000 mm	1,900 mm / 2,000 mm	1,800 mm / 1,900 mm	1,900 mm / 2,000 mm
Cable length	5 m	5 m	5 m / 5 m fixed	5 m	5 m
Control unit enclosure rating	IP54	IP54	IP54	IP54	IP54
Opto edge enclosure rating	IP65	IP65	IP65	IP65	IP65
Temperature range	-20 °C ... +60 °C	-20 °C ... +60 °C	-20 °C ... +60 °C	-20 °C ... +60 °C	-20 °C ... +60 °C
<b>Electrical</b>					
Supply voltage	15 ... 25 VAC 15 ... 30 VDC	17 ... 240 VAC/VDC	17 ... 240 VAC/VDC	17 ... 240 VAC/VDC	17 ... 240 VAC/VDC
Max. power consumption	100 mA	150 mA	150 mA	150 mA	150 mA
Relay output	250 VAC / 8 A 125 VDC / 0.5 A 30 VDC / 8 A	250 VAC / 8 A 125 VDC / 0.5 A 30 VDC / 8 A	250 VAC / 8 A 125 VDC / 0.5 A 30 VDC / 8 A	250 VAC / 8 A 125 VDC / 0.5 A 30 VDC / 8 A	250 VAC / 8 A 125 VDC / 0.5 A 30 VDC / 8 A
Typ. response time	50 ms	50 ms	50 ms	75 ms	100 ms
<b>General</b>					
Vibration	IEC 60068-2-6:2008	IEC 60068-2-6:2008	IEC 60068-2-6:2008	IEC 60068-2-6:2008	IEC 60068-2-6:2008
Shock	IEC 60068-2-27:2009	IEC 60068-2-27:2009	IEC 60068-2-27:2009	IEC 60068-2-27:2009	IEC 60068-2-27:2009
EN 81-70	No	No	Yes	No / Yes	Yes
RoHS	2011/65/EU	2011/65/EU	2011/65/EU	2011/65/EU	2011/65/EU
Certificates	CE, CSA	CE, CSA	CE, CSA	CE, CSA	CE, CSA



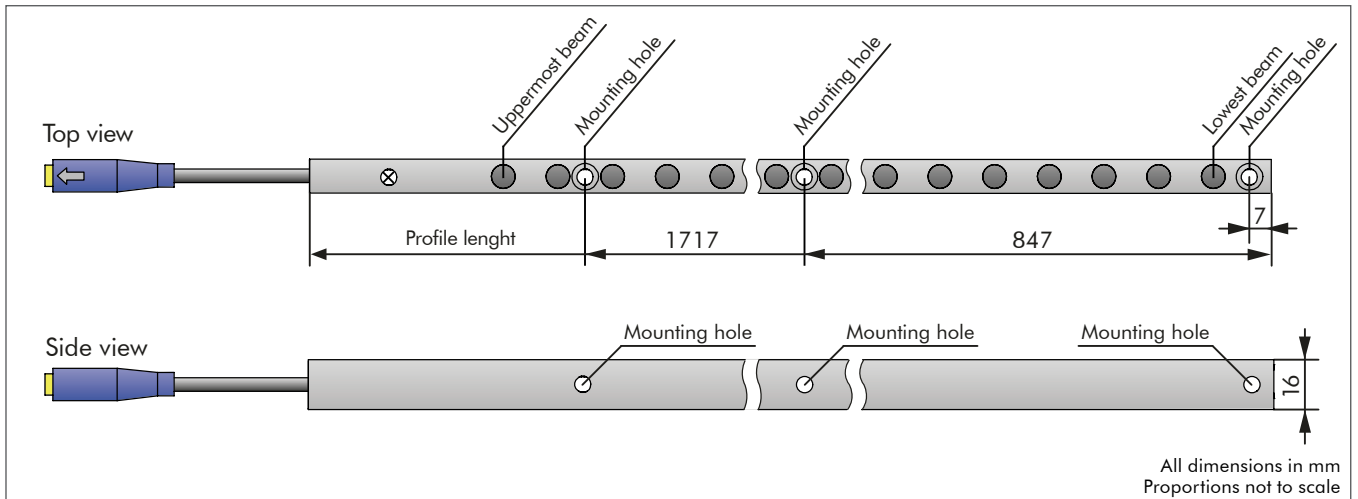
CEDES AG is certified according to ISO 9001: 2008

### Features

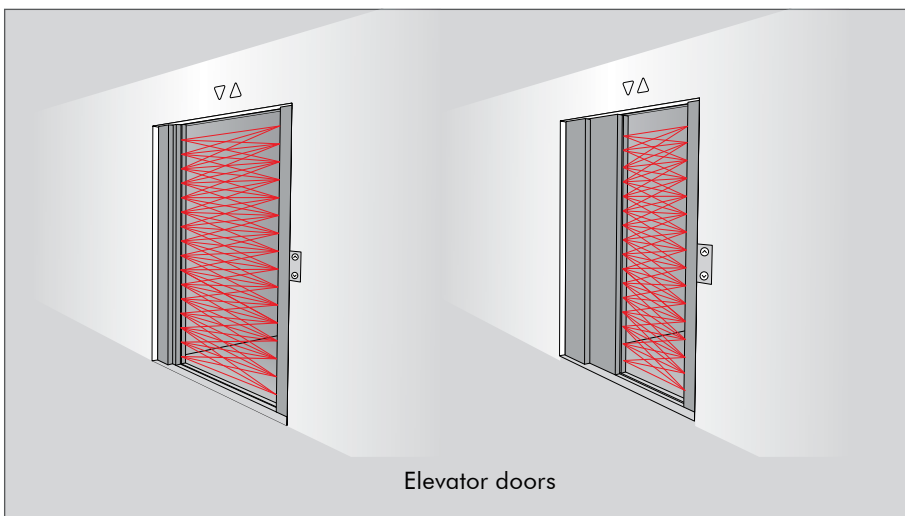
- Ideal for retrofitting
- Can be installed anywhere thanks to its range and universal voltage range 17 ... 240 VAC/DC
- Relay output for easy integration into existing systems
- Can be modified to meet the widest variety of customer needs
- Customer-specific profile lengths and resolution available
- Highly-flexible cable designed for up to 20 million door movements
- Waterproof IP67 version available
- Version with test input available
- Edge can be front or side mounted; mounting holes are compatible with cegard/Mini and MiniMax



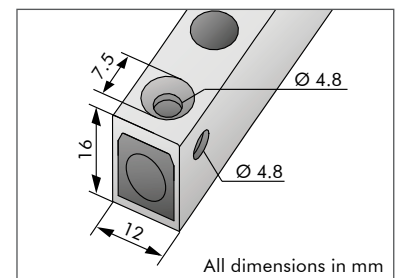
## Dimensions



## Application examples



## Detailed view



## Control unit

