

cegard/Mini-CC

Technical data

FEATURES

- ▶ Criss-cross beams remain active up to complete door closure
- ▶ Ideal for both static and dynamic applications
- ▶ IP65 (Standard) and IP67 (waterproof) versions available
- ▶ Low energy consumption
- ▶ Requires no grounding (earth)
- ▶ Edge can be front or side mounted – mounting holes are compatible with the range of CEDES MiniMax and cegard/Max light curtains



OPTICAL

Operating range	0 ... 4 m
Protection height	1,800 mm
No. of optical elements	32
No. of beams at 32 elements	154 (beams remain active to complete door closure)
Max. ambient light	100,000 Lux

MECHANICAL

Dimensions (w × h × l)	12 × 16 × max. 2,000 mm
Housing material	Black anodized aluminum
Enclosure rating	IP65
Temperature range	-40°C ... +60°C

ELECTRICAL

Supply voltage U_{sp}	10 ... 30 VDC
Typ. current consumption at 24 VDC (without load)	40 mA
Max. inrush current per edge	< 2 A
Output	PNP/NPN (push-pull)
Output logic	NO/NC selectable
Max. output load	120 mA, 100 nF
Typ. response time at 32 elements	120 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

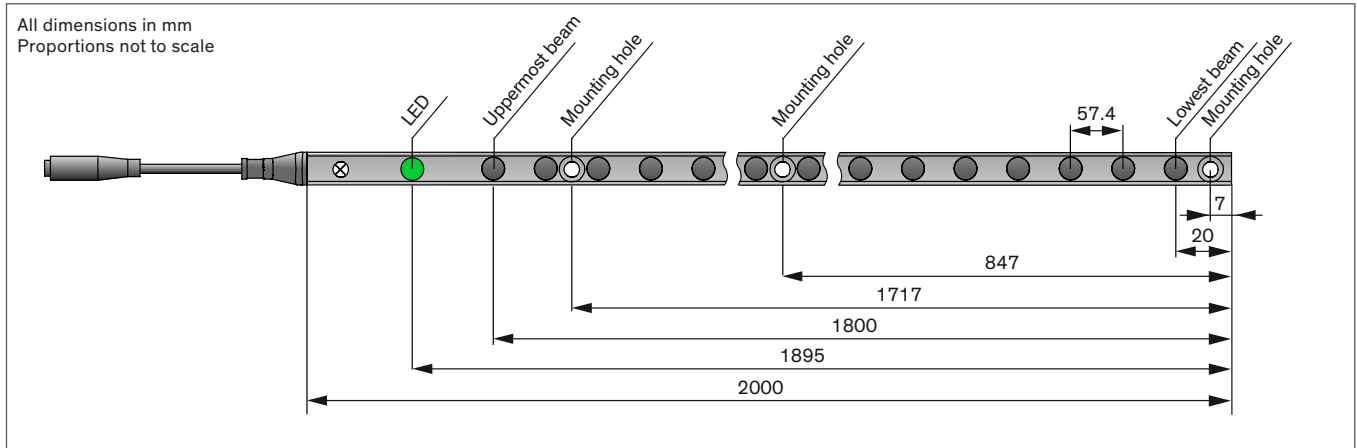
CONNECTION CABLE AND ELECTRICAL CONNECTION

Emitter	
Cable length	5 m
Diameter	Ø 3.5 mm
Material	PVC, black
Connection	M8, 4-pin, Ø 9.5 mm
Plug color	White
Wires	AWG26
• brown	USP
• blue	GND (0 V)
• black	Not used
• white	Not used
Receiver	
Cable length	5 m
Diameter	Ø 3.5 mm
Material	PVC, black
Connection	M8, 4-pin, Ø 9.5 mm
Plug color	Blue
Wires	AWG26
• brown	USP
• blue	GND (0 V)
• black	Output
• white	Selectable output logic

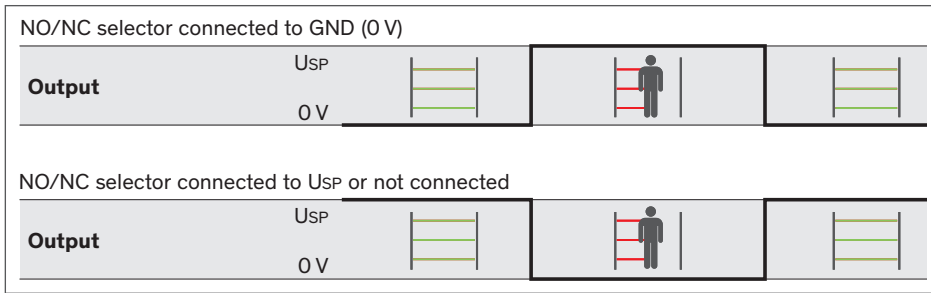


CEDES AG is certified according to ISO 9001: 2015.

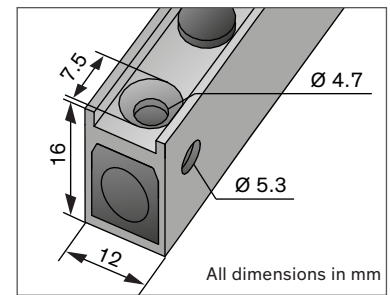
Dimensions



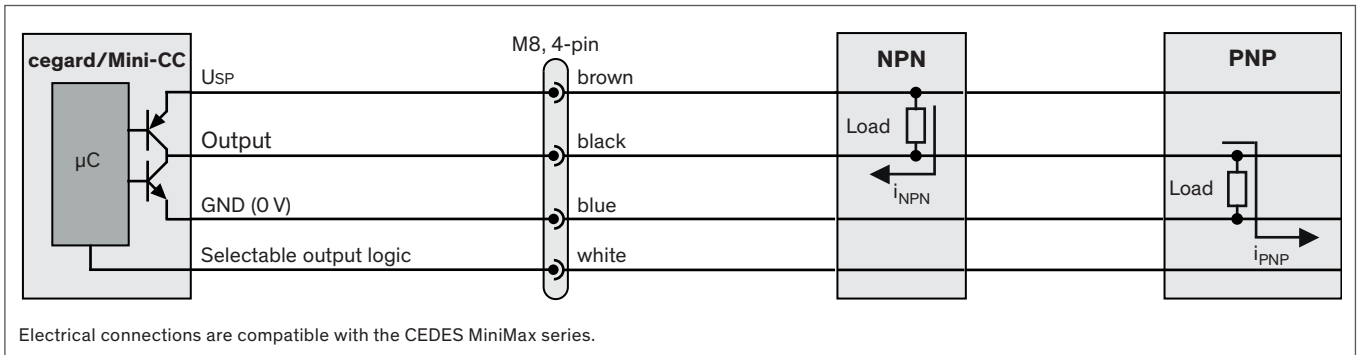
Selectable output logic



Detailed view



PNP / NPN output



Applications



Dynamic application - criss-cross beams active up to complete door closure