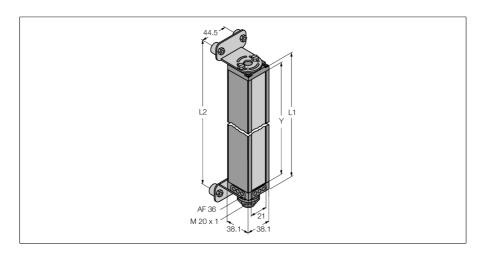


## Measuring Light Screen Receiver BMRL7216A





Туре	BMRL7216A
ID	3038552
Optical data	
Function	Opposed mode sensor (receiver)
Operating mode	Receiver
Optical resolution	19 mm
Dange	000 14000 mm

- Range Scan field 1810 mm Number of beams 96
- Electrical data 11.4...14 VDC Operating voltage U<sub>B</sub>

Mechanical data	
Design	Rectangular, Mini Array
Housing material	Metal, AL
Lens	plastic, Acrylic
Electrical connection	Connector, 7/8"
Ambient temperature	-20+70 °C
Protection class	IP65
Tests/approvals	
Approvals	CE

CE

cULus recognized

- Minimum target size 19 mm
- Scan field 1819 mm
- Max. sensing range 14 m
- Operating voltage 11.8...12.2 VDC (from controller)
- Protection class IP65
- Adjustment via software

## **Functional principle**

Measuring light screens are ideally suited for precise detection and inspection tasks such as product profiling, sizing, edge and centre guiding, hole and parts detection and the like. Each system consists of an emitter, receiver and a controller module, which is equipped with several switching and analogue outputs, depending on the specific version. The device also enables data transmission via RS232 or R485, either in an binary or ASCII code format. The scan times depend on the height of the measuring array and the adjusted scan mode. Detailed infomation can be taken from the instruction manual.

Approvals