

**measuring light screen
receiver
BMRL4832A**



- Minimum target size 9.7 mm
- Scan field 1200 mm
- max. sensing range 4.6 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 a binary or ASCII code format. The scan times depend on the height of the measuring array and the adjusted scan mode. Detailed information can be taken from the instruction manual.

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|--------------------------------|-------------------------|
| Type code | BMRL4832A |
| Ident no. | 3038536 |
| Operating mode | light screen |
| Optical resolution | 9.7 mm |
| Range | 600...4600 mm |
| Detection zone height | 1200 mm |
| Ambient temperature | -20...+70 °C |
| Operating voltage | 11.4...14VDC |
| No-load current I ₀ | ≤ 1200 mA |
| Design | rectangular, Mini Array |
| Dimensions | 38.1 x 38.1 x 1267 mm |
| Housing material | metal, AL |
| Lens | plastic, acrylic |
| Connection | male, 7/8" |
| Protection class | IP65 |