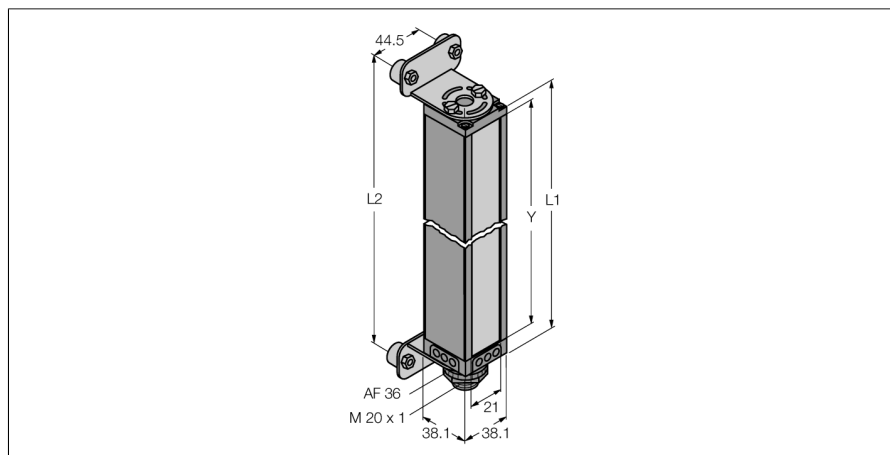


# Measuring Light Screen Receiver

## BMRL4232A



|                         |                                  |
|-------------------------|----------------------------------|
| Typ                     | BMRL4232A                        |
| Nr kat.                 | 3039587                          |
| <b>Dane optyczne</b>    |                                  |
| Funkcja                 | Czujnik przeciwsobny (odbiornik) |
| Tryb pracy              | Odbiornik                        |
| Rozdzielczość optyczna  | 9.7 mm                           |
| Zasięg                  | 600...6100 mm                    |
| Wysokość aktywna        | 1057 mm                          |
| Liczba wiązek           | 112                              |
| <b>Dane elektryczne</b> |                                  |
| Napięcie robocze $U_a$  | 11.4...14 V DC                   |
| <b>Dane mechaniczne</b> |                                  |
| Wykonanie               | Prostopadłościenny, Mini Array   |
| Materiał obudowy        | Metal, AL                        |
| Soczewka                | tworzywo sztuczne, Acrylic       |
| Połączenie elektryczne  | Złącze, 7/8"                     |
| Temperatura pracy       | -20...+70 °C                     |
| Stopień ochrony         | IP65                             |
| <b>Testy/aprobaty</b>   |                                  |
| Certyfikaty             | CE                               |
| Certyfikaty             | CE                               |
|                         | Certyfikat cULus                 |

- Minimum target size 9.7 mm
- Scan field 1048 mm
- Max. sensing range 6.1 m
- Operating voltage 11.8...12.2 VDC (from controller)
- Protection class IP65
- Adjustment via software

### Zasada działania

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.