

measuring light screen
emitter
BMEL4832A

TURCK

Industrial
Automation



- 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

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.

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| Typ | BMEL4832A |
| Nr kat. | 3038535 |

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| Tryb pracy | kurtyna świetlna |
| Rodzaj światła | IR |
| Długość fali | 880 nm |
| Optical resolution | 9.7 mm |
| Max zakres wykrywania | 600...4600 mm |
| Detection zone height | 1200 mm |
| Temperatura pracy | -20...+70 °C |

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| Napięcie zasilania | 11.4...14VDC |
| Prąd bez obciążenia I ₀ | ≤ 1200 mA |

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| Wykonanie | prostopadłościenna, Mini Array |
| Wymiary | 38.1 x 38.1 x 1267 mm |
| Materiał obudowy | metal, AL |
| Soczewka | tworzywo sztuczne, acrylic |
| Podłączenie | złącze, 7/8" |
| Stopień ochrony | IP65 |