

measuring light screen
emitter
BMEL4216A

TURCK

Industrial
Automation



- Minimum target size 19 mm
- Scan field 1057 mm
- max. sensing range 17 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.

Typ	BMEL4216A
Nr kat.	3039578
Tryb pracy	kurtyna świetlna
Rodzaj światła	IR
Długość fali	880 nm
Optical resolution	19 mm
Max zakres wykrywania	900...17000 mm
Detection zone height	1057 mm
Temperatura pracy	-20...+70 °C
Napięcie zasilania	11.4...14VDC
Wykonanie	prostokątna, Mini Array
Wymiary	38.1 x 38.1 x 1115 mm
Materiał obudowy	metal, AL
Soczewka	tworzywo sztuczne, acrylic
Podłączenie	złącze, 7/8"
Stopień ochrony	IP65