

measuring light screen
controller
MACV-1



- 2 x analogue outputs 0...10 V
- NPN transistor output (normally open)
- Operating voltage 16...30 VDC
- Protection class IP20
- adjustment via software (included in delivery)

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.

Type code	MACV-1
Ident no.	3046327
Operating mode	light screen
Ambient temperature	-20...+70 °C
Operating voltage	16...30VDC
No-load current I_0	≤ 750 mA
Output function	NO contact, NPN/analog output
Voltage output	0...10V
Design	rectangular, Mini Array
Dimensions	110 x 100 x 75 mm
Housing material	plastic, PC
Connection	removable terminal block, reverse polarity protected, screw connection
Protection class	IP20
Switching state	LED red
Error indication	LED red