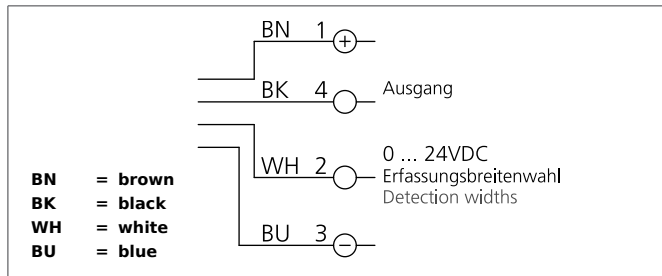


OLGEP 12/12 M 50 G2-K2.5-TS

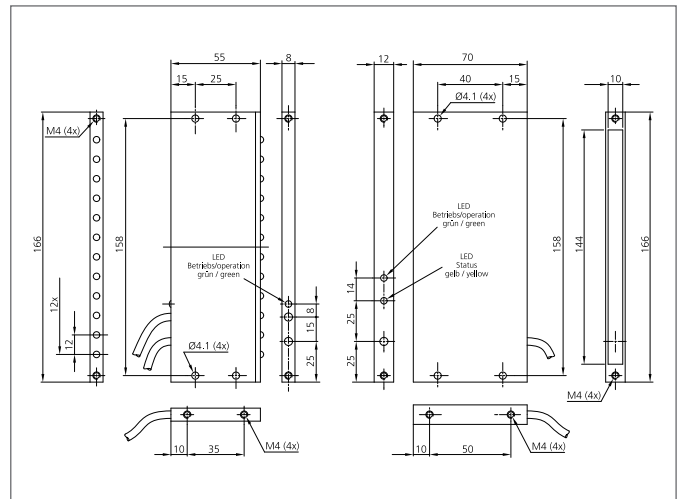
High Performance Light Curtain, Receiver

- Light barrier system for detection of silicon wafer double layers and fragments
- Detection of wafer fragments larger 15 mm
- Electronic potentiometer for adjusting wafer thickness and fragment size
- Input for switching between wafer sizes 125 mm and 156 mm
- Small size for mounting between two belts
- Metal casing
- High protection class



Safety instructions

The Instruments are not to be used for safety applications, in particular applications in which safety of persons depends on proper operation of the instruments.
 These instruments shall exclusively be used by qualified personnel.



TECHNICAL INFORMATION (typ.)	
Size	+20°C, 24V DC 70 x 166 x 12 mm (Dimensions)
Emitted light	Infrared, clocked
Service voltage	24 V DC + 10 % polarity-safe
Internal power consumption	150 mA
Resolution	≥ 15 mm large fragments as double layer on standard wafers
Display	LED yellow (Display output)
Ambient temperature	+5 ... +40 °C
Ambient light immunity	5 kLx
Protection class	IP 67
Protection degree	III, operation on protective low voltage
Casing material	Aluminium black anodized
Connection	Cable PU 2,5m with connector M8, 4-poled