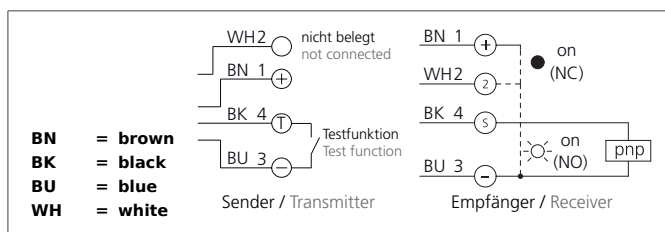


# OLGSP 12/12 M 50 D-K2.5-TS

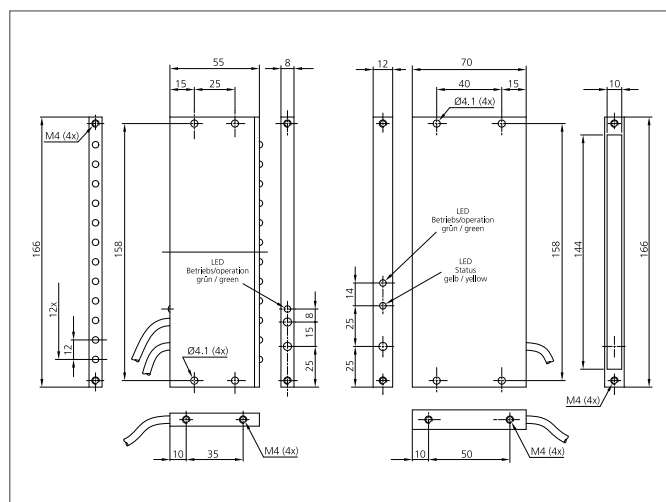
## High Performance Light Curtain, Emitter

- 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 fragmentation 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	55 x 166 x 8 mm (Dimensions)
Number of beams	12
Emitted light	Infrared, clocked
Service voltage	24 V DC + 10 % polarity-safe
Internal power consumption	130 mA
Working distance	≤ 50 mm Transmitter / Receiver (recommended)
Detection width	156 / 125 mm switchable via pin selection "detection widths"
Penetrable wafer thickness	≤ 300 µm (mono poly-crystalline silicium wafer material)
Transmitting power	0...100 % digitally adjustable
Ambient temperature	+5 ... +40 °C
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, 3-polig