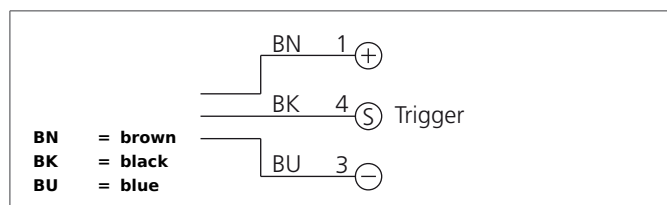


BEK-F100/100-G2TI-IBS

Backlight

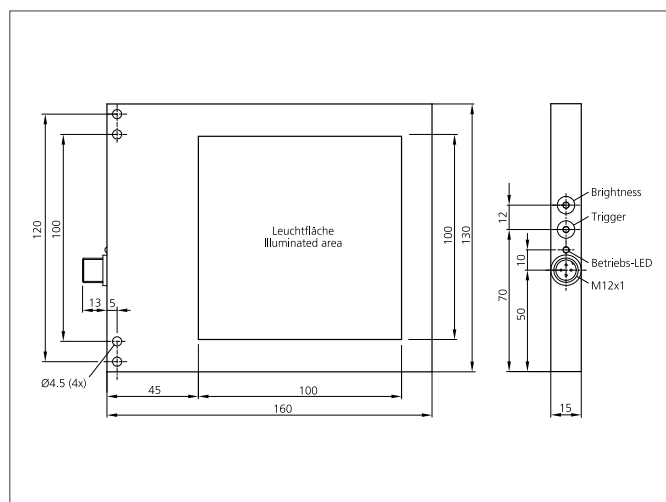
- Constant level of light intensity over the entire voltage range
- Homogenous luminous field
- High efficiency
- Light intensity can be adjusted



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.)		+20°C, 24V DC
Design		Backlight
Illuminated area		100 x 100 mm
Characteristics		Internal control of power output, Trigger input
Light colour		Green, 525 nm
Service voltage		18 ... 35 V DC (Supply Class 2)
Internal power consumption		290 mA, (24 V DC)
Trigger input low level		0 ... <2,8 V
Trigger input high level		> 3,3 ... 35 V
Power		7,2 W (24 V DC)
Shock/vibration load		10 ... 55 Hz / 1,0 mm / 30 g
Inverse polarity protection		Yes
Display		LED: green - operation indicator
Ambient temperature		0 ... +50 °C
Protection class		IP 67
Protection degree		III, operation on protective low voltage
Risk group (DIN EN 62471)		Free group
Casing material		Aluminium black anodized
Material		PC, opal diffus (Protection optics)
Connection		Connector, M12, 3-poled
Connecting cable		VK ...