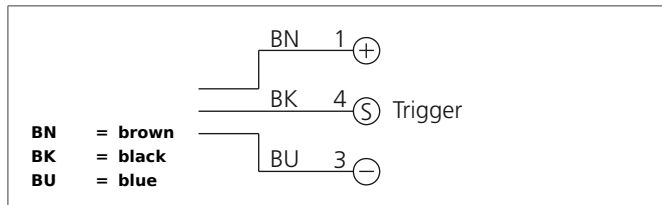


BEK-F100/100-G3TI-IBS

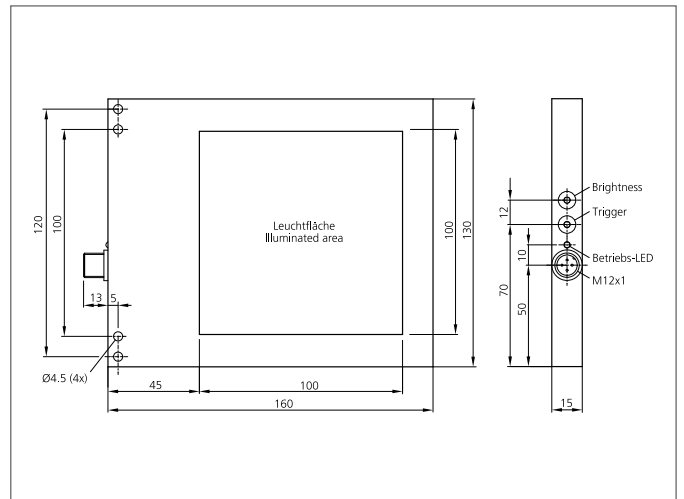
Backlight

- 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 | Blue, 469 nm |
| Service voltage | 18 ... 35 V DC (Supply Class 2) |
| No-load current | 290 mA, (24 V DC) |
| Trigger input low level | 0 ... < 2,8 V |
| Trigger input high level | > 3,3 ... 35 V |
| Power | 7,0 W (24 V DC) |
| Shock-/vibration load | 10 ... 55 Hz / 1,0 mm / 30 g |
| Inverse polarity protection | Yes |
| Display | LED: green - Operation |
| Ambient temperature, operation | 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 ... |