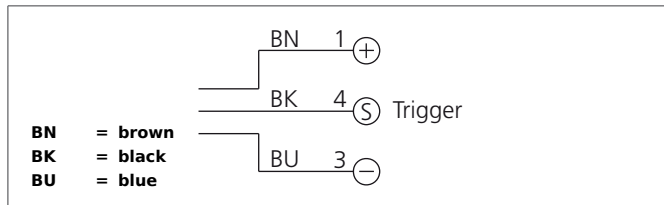


# BEK 1-F100/100-G3TI-IBS

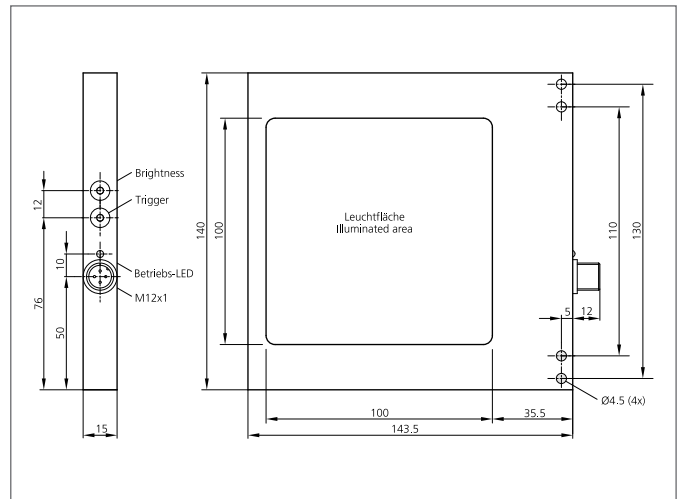
## Backlight

- Internal control of power output
- Homogenous luminous field
- High protection class IP 67
- External trigger input
- High efficiency
- Light intensity can be adjusted
- Low levels of heat produced
- Sturdy housing design
- Constant level of light intensity over the entire voltage range



### 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  |
| Service voltage              | 10 ... 35 V DC (Supply Class 2)                 |
| Internal power consumption   | max. 600 mA, (10 V DC)                          |
| Trigger input low level      | 0 ... <2,8 V                                    |
| Trigger input high level     | > 3,3 ... 35 V                                  |
| Power                        | 6,0 W (10...35 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                        |
| Connection                   | Connector, M12, 3-poled                         |
| Connecting cable             | VK ...  |