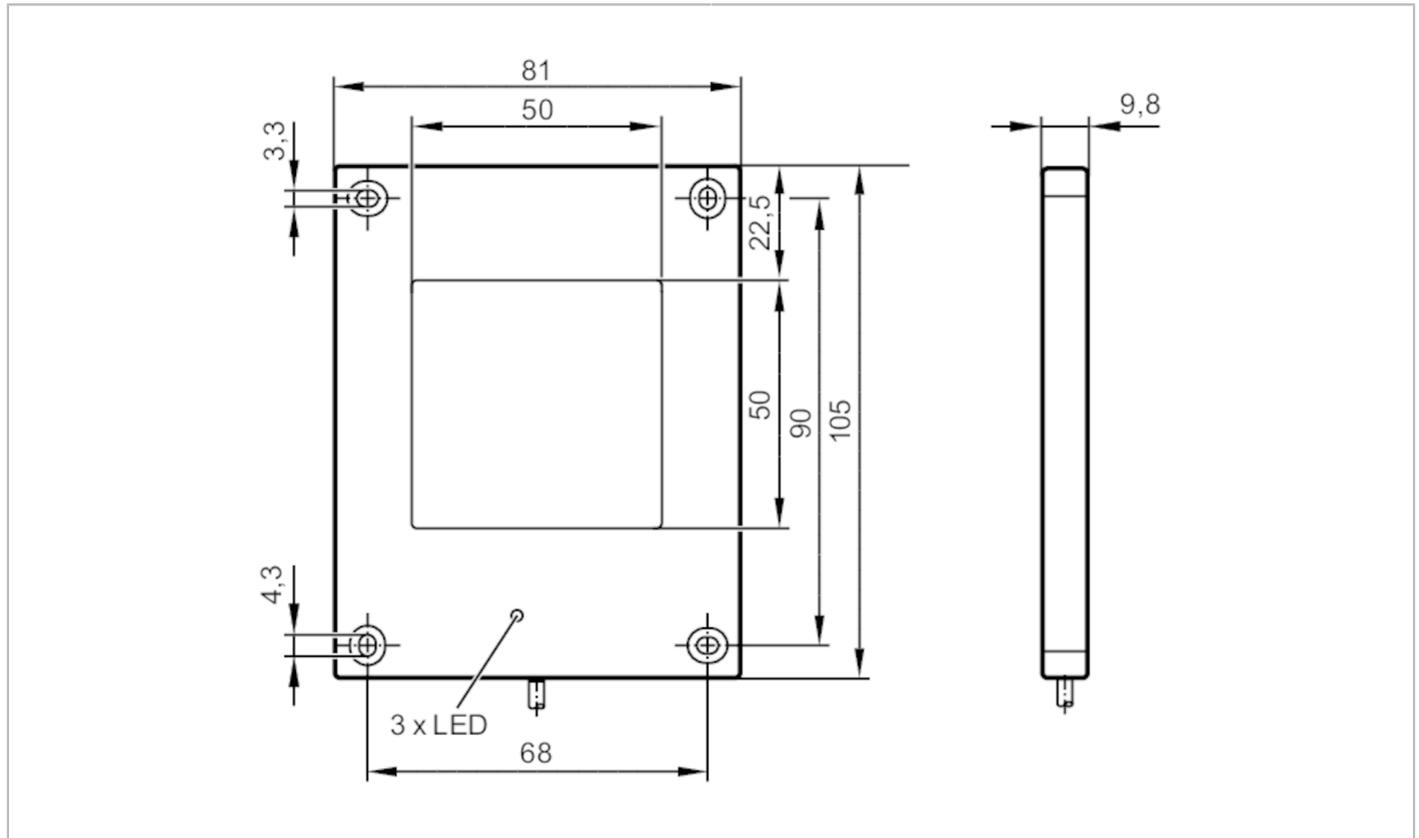


O2D942



External illumination

BACKLIGHT 50X50 RT/0,3M/US



| Product characteristics | |
|---------------------------------|------------------------------------|
| Type of light | red light |
| Application | |
| System | gold-plated contacts |
| Illuminated field [mm] | 50 x 50 |
| Design | backlight |
| Type of operation | Permanent light or pulse operation |
| Electrical data | |
| Operating voltage tolerance [%] | -10...10 |
| Operating voltage [V] | 24 DC |
| Current consumption [mA] | < 205 |
| Protection class | III |
| Reverse polarity protection | yes |
| Type of light | red light |
| Wave length [nm] | 617 |
| Inputs | |
| Trigger | 5...24 V |
| Operating conditions | |
| Ambient temperature [°C] | -10...50 |
| Protection | IP 54 |

O2D942



External illumination

BACKLIGHT 50X50 RT/0,3M/US

| | |
|---------------------|----------------|
| Overheat protection | yes; (> 50 °C) |
|---------------------|----------------|

Tests / approvals

| | |
|------------------------|--------------------------|
| Photobiological safety | exempt group; (EN 62471) |
| MTTF [years] | 308 |

Mechanical data

| | |
|-----------------|----------------|
| Weight [g] | 264.4 |
| Dimensions [mm] | 105 x 81 x 9.8 |
| Material | aluminum |
| Lens material | glass |

Displays / operating elements

| | | |
|---------|-------------------------------|-----------------|
| Display | Illumination status | 1 x LED, yellow |
| | Power | 1 x LED, green |
| | Excess temperature / overload | 1 x LED, red |

Remarks

| | |
|---------------|--------|
| Pack quantity | 1 pcs. |
|---------------|--------|

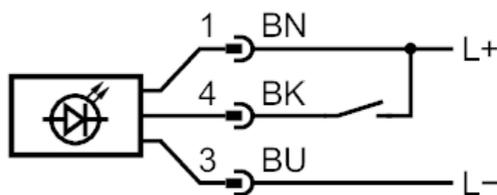
Electrical connection

Cable: 0.30 m, PUR

Connector: 1 x M12; coding: A; Contacts: gold-plated



Connection



- 1 L +
- 3 L -
- 4 Trigger

Core colors :

- BK = black
- BN = brown
- BU = blue