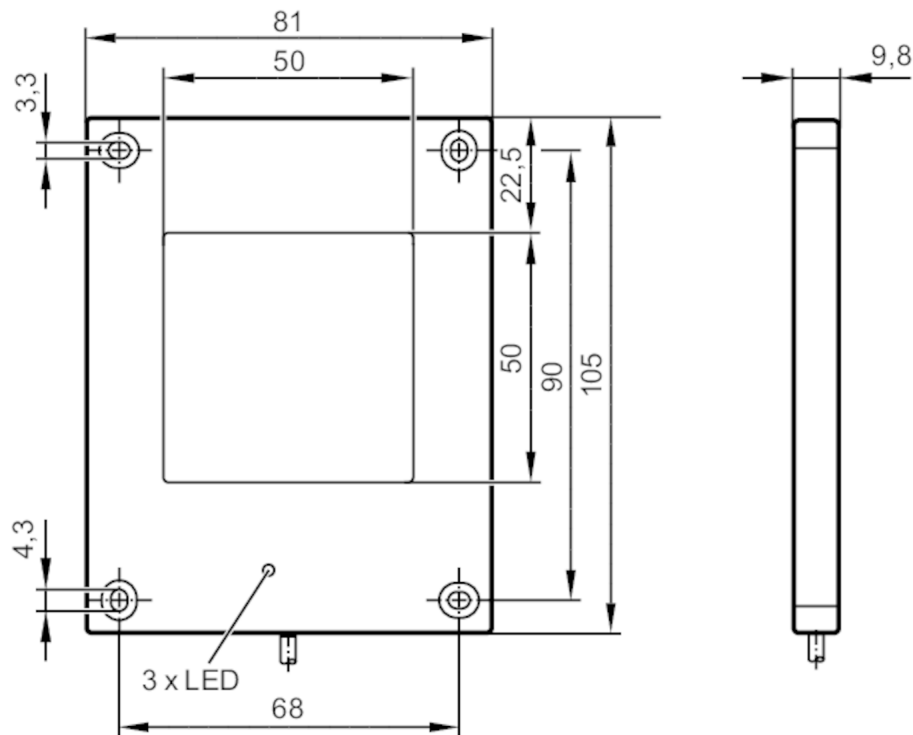


O2D943



External illumination

BACKLIGHT 50X50 IR/0,3M/US



Product characteristics

Type of light	Infrared light
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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]	< 325
Protection class	III
Reverse polarity protection	yes
Type of light	Infrared light
Wave length [nm]	875

Inputs

Trigger	5...24 V
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Operating conditions

Ambient temperature [°C]	-10...50
Protection	IP 54

O2D943



External illumination

BACKLIGHT 50X50 IR/0,3M/US

Overheat protection	yes; (> 50 °C)
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Tests / approvals

Photobiological safety	exempt group; (EN 62471)
MTTF [years]	309

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.
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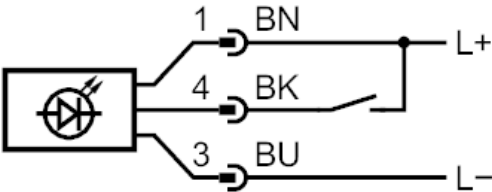
Electrical connection

Cable: 0.30 m, PUR

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



Connection



- 1

3

4
- L +

L -

Trigger
- Core colors :

BK = black

BN = brown

BU = blue