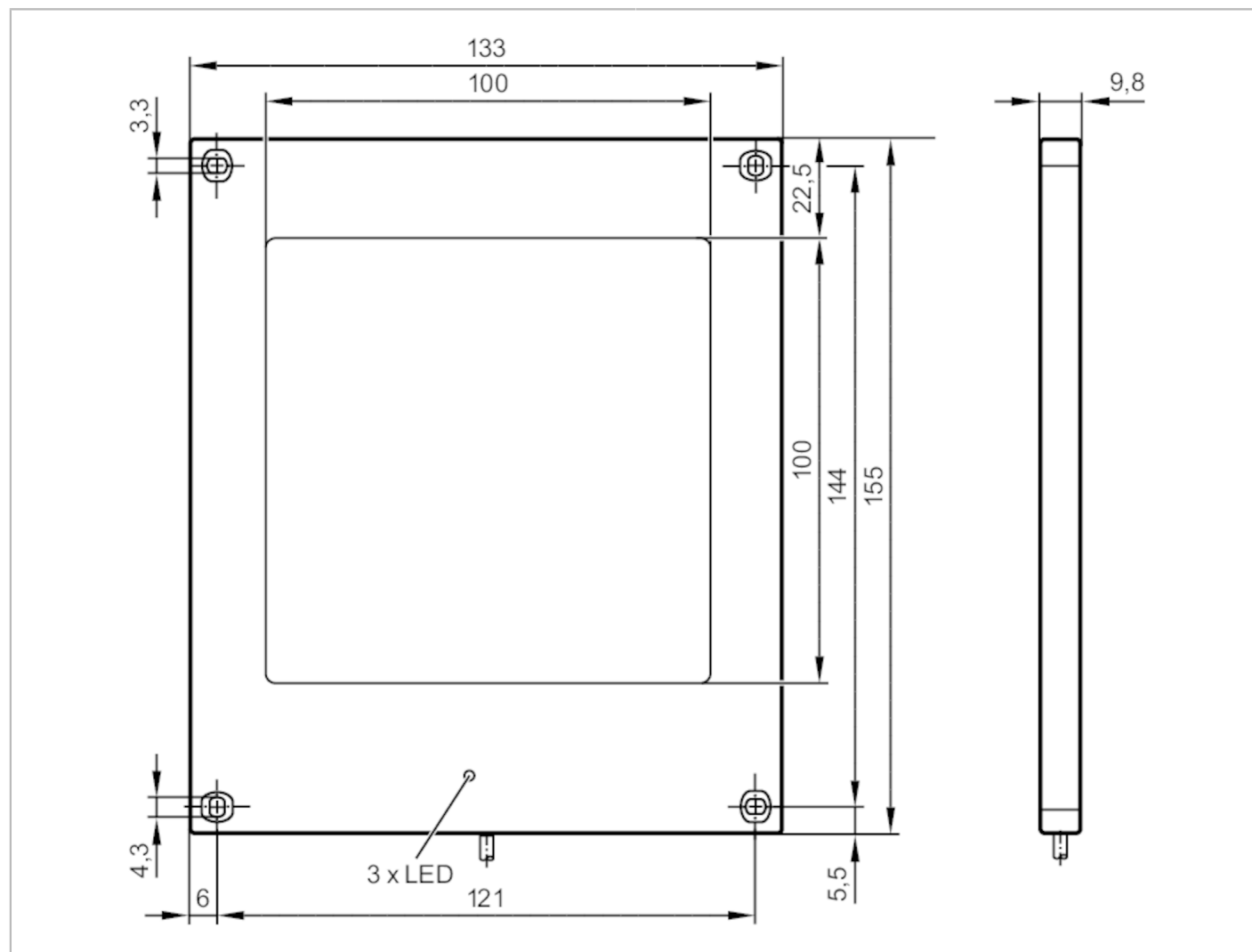


External illumination

BACKLIGHT 100X100 IR/0,3M/US



Product characteristics

Type of light	infrared light
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Application

Special feature	Gold-plated contacts
Illuminated field [mm]	100 x 100
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]	< 620
Protection class	III
Reverse polarity protection	yes
Type of light	infrared light
Wave length [nm]	875

O2D945



External illumination

BACKLIGHT 100X100 IR/0,3M/US

Inputs		
Trigger		5...24 V
Outputs		
Overload protection		yes
Operating conditions		
Ambient temperature	[°C]	-10...50
Protection		IP 54
Overheat protection		yes; (> 50 °C)
Tests / approvals		
Photobiological safety		exempt group; (EN 62471)
MTTF	[years]	293
Mechanical data		
Weight	[g]	448.4
Dimensions	[mm]	155 x 133 x 9.8
Materials		aluminium
Lens material		glass
Displays / operating elements		
Display	illumination status	1 x LED, yellow
	operation	1 x LED, green
	excess temperature / overload	1 x LED, red
Remarks		
Pack quantity		1 pcs.
Electrical connection		
Cable: 0.3 m, PUR		
Connector: 1 x M12; coding: A; Contacts: gold-plated		
		

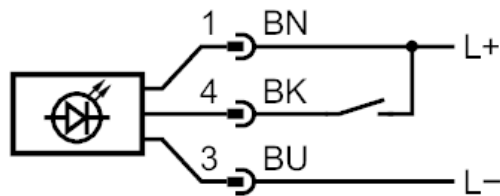
O2D945



External illumination

BACKLIGHT 100X100 IR/0,3M/US

Connection



- | | |
|---|---------|
| 1 | L + |
| 3 | L - |
| 4 | trigger |

Core colours :

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