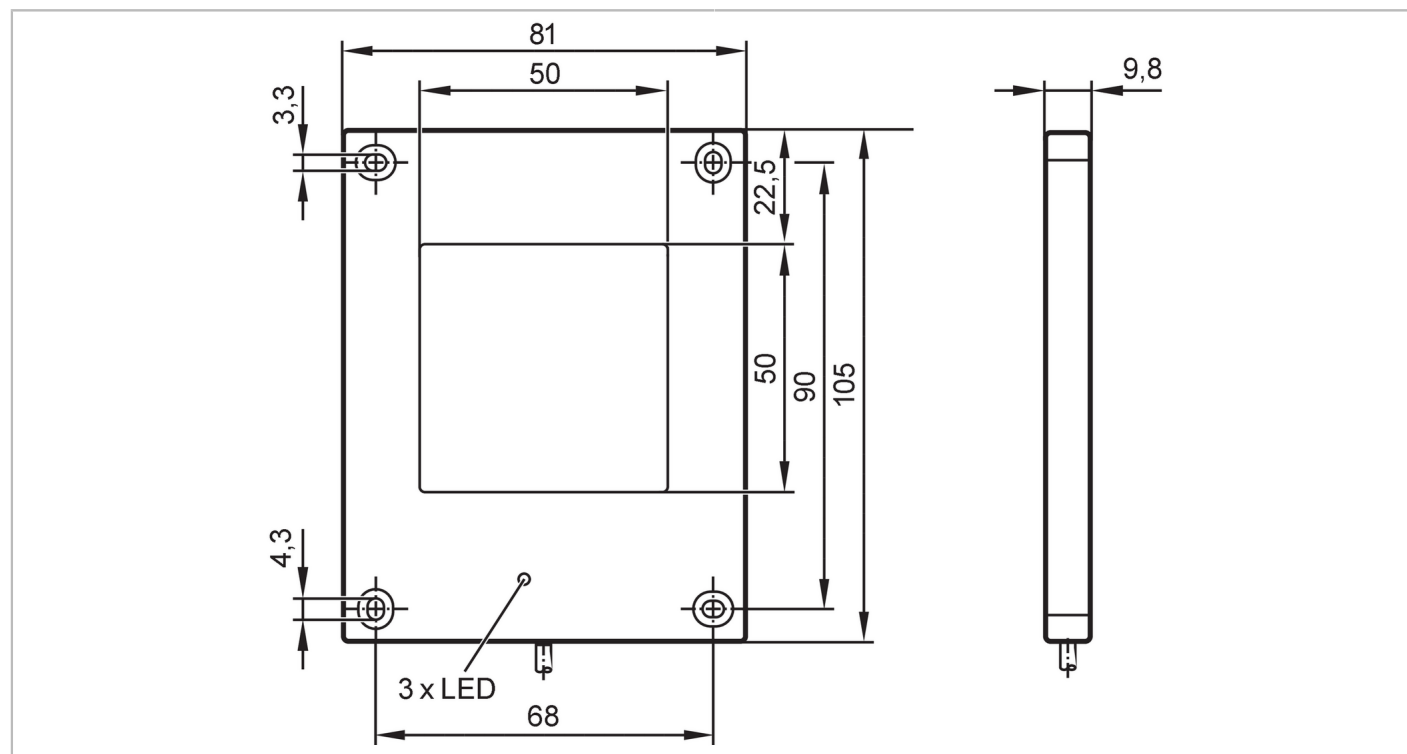




External illumination

BACKLIGHT 50X50 IR/0,3M/US



Product characteristics

Type of light	Infrared light
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Application

Special feature	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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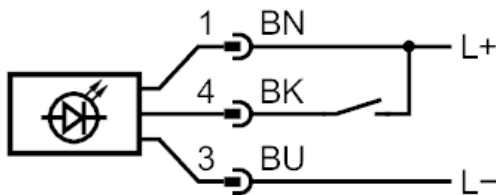
Operating conditions

Ambient temperature [°C]	-10...50
Protection	IP 54
Overheat protection	yes; (> 50 °C)



External illumination

BACKLIGHT 50X50 IR/0,3M/US

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	housing: aluminum black anodized	
Lens material	Illuminated field: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	