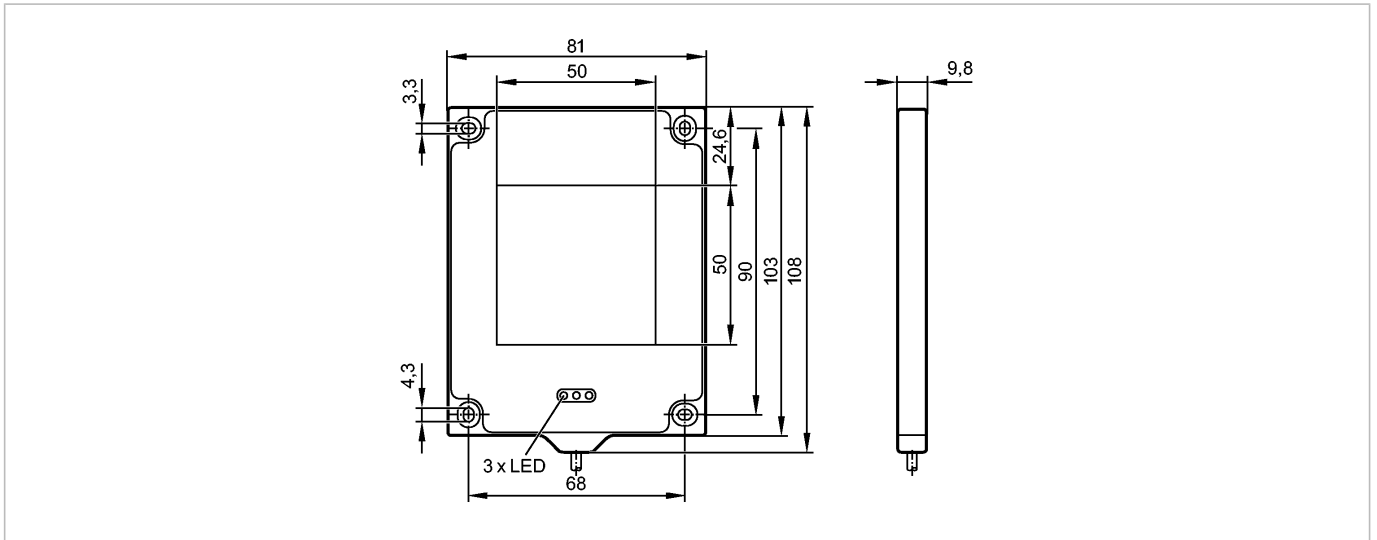


O2D903

BACKLIGHT 50X50 INFRARED

Object recognition



Product characteristics

Illumination unit

Illuminated area:
50 x 50 mm

transmitter infrared 880 nm

Externally programmable

Electrical data

Operating voltage	[V]	24 DC ± 10 %
Current consumption	[mA]	200*) / 100**)
Type of light		Infrared light 880 nm
Protection class		III
Reverse polarity protection		yes
Type of operation		- high light intensity (max. pulse length: 50 ms; max. mark-to-space ratio: 1/10) - normal light intensity (permanent operation possible)

Inputs

Trigger External; 24 V PNP to IEC61131-1

Outputs

Overload protection yes

Environment

Ambient temperature	[°C]	0...50
Protection		IP 65
Temperature protection		yes

Tests / approvals

MTTF [Years] 333

Mechanical data

Housing materials		aluminum
Lens material		PMMA
Weight	[kg]	0.186

Displays / operating elements

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



O2D903

BACKLIGHT 50X50 INFRARED

Object recognition

Electrical connection

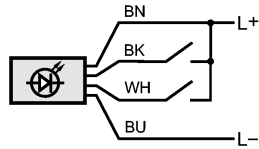
Connection

PUR cable / 2 m; 4 x 0.14 mm²

Wiring

Core colors

- BK black
- BN brown
- BU blue
- WH white



BK: Trigger

WH: Operating mode "high light intensity"

Remarks

Remarks

*) Operating mode "permanent operation"

***) Operating Mode "High Light Intensity"

Pack quantity

[piece]

1