

O2D903



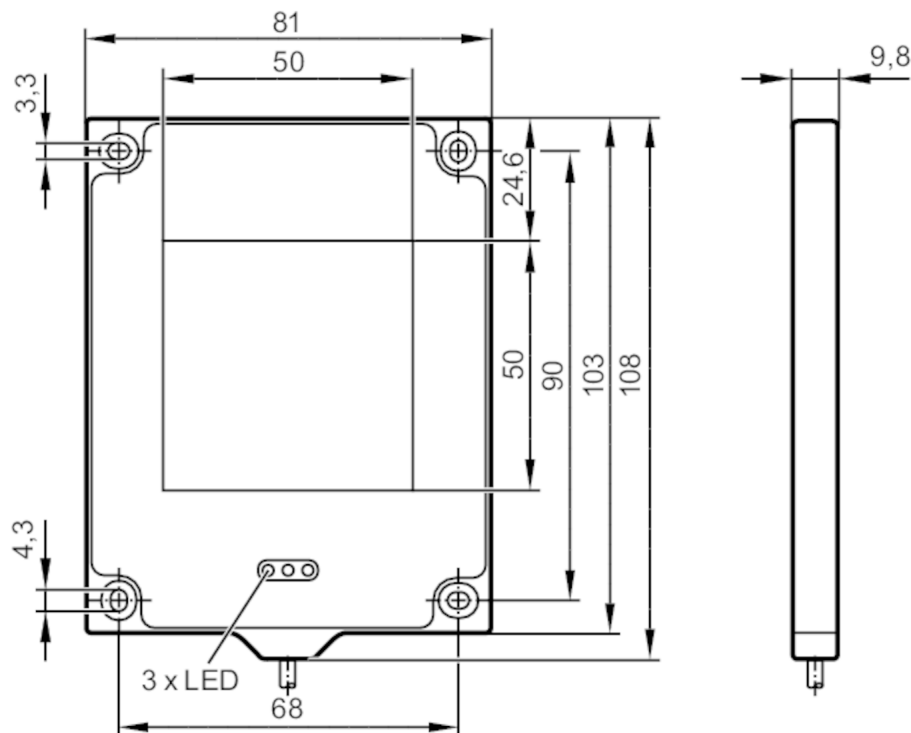
External illumination

BACKLIGHT 50X50 INFRARED

Article no longer available - archive entry

Alternative articles: O2D943

When selecting an alternative article and accessories please note that technical data may differ!



Product characteristics

Type of light	infrared light
---------------	----------------

Application

Illuminated field [mm]	50 x 50
Design	backlight
Type of operation	high light intensity (max. pulse length: 50 ms; max. mark-to-space ratio: 1/10); normal light intensity (permanent operation possible)

Electrical data

Operating voltage tolerance [%]	-10...10
Operating voltage [V]	24 DC
Current consumption [mA]	operating mode "permanent operation": 200; operating mode "high light intensity": 100
Protection class	III
Reverse polarity protection	yes
Type of light	infrared light
Wave length [nm]	880

Inputs

Trigger	24 V PNP (IEC 61131-1)
---------	------------------------

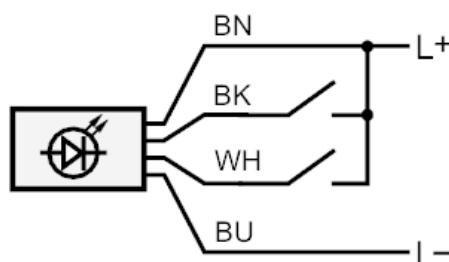
O2D903



External illumination

BACKLIGHT 50X50 INFRARED

Outputs		
Overload protection		yes
Operating conditions		
Ambient temperature	[°C]	0...50
Protection		IP 65
Overheat protection		yes
Tests / approvals		
MTTF	[years]	333
Mechanical data		
Weight	[g]	183.5
Dimensions	[mm]	103 x 81 x 9.2
Materials		aluminium
Lens material		PMMA
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: 2 m, PUR; 4 x 0.14 mm ²		
Connection		



black trigger
white operating mode "high light intensity"
Core colours :
BK = black
BN = brown
BU = blue
WH = white