O2D902

External illumination

BACKLIGHT 50X50 RED

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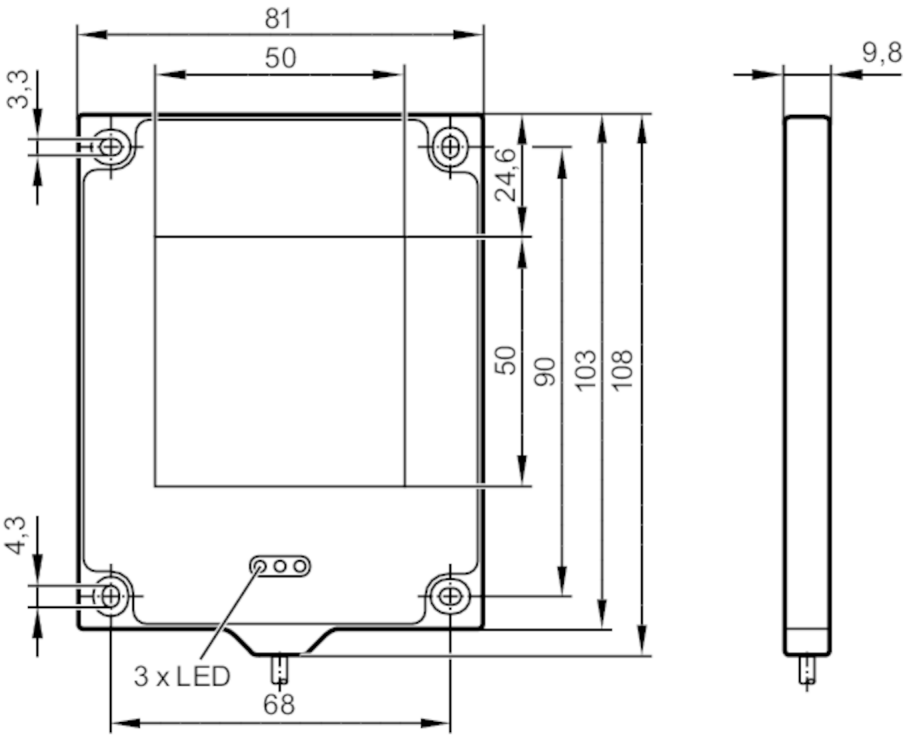
Alternative articles: O2D942

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



Product characteristics		
Type of light		red 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		red light
Wave length	[nm]	660
Inputs		
Trigger		24 V PNP (IEC 61131-1)

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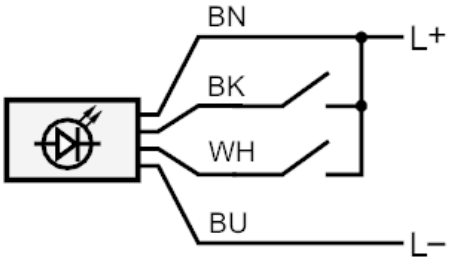
External illumination

BACKLIGHT 50X50 RED

Outputs		
Overload protection		yes
Operating conditions		
Ambient temperature	[°C]	0...50
Protection		IP 65
Overheat protection		yes
Tests / approvals		
MTTF	[years]	349
Mechanical data		
Weight	[g]	187
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 mm²

Connection



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