O2D900

External illumination

BACKLIGHT 25X25 RED

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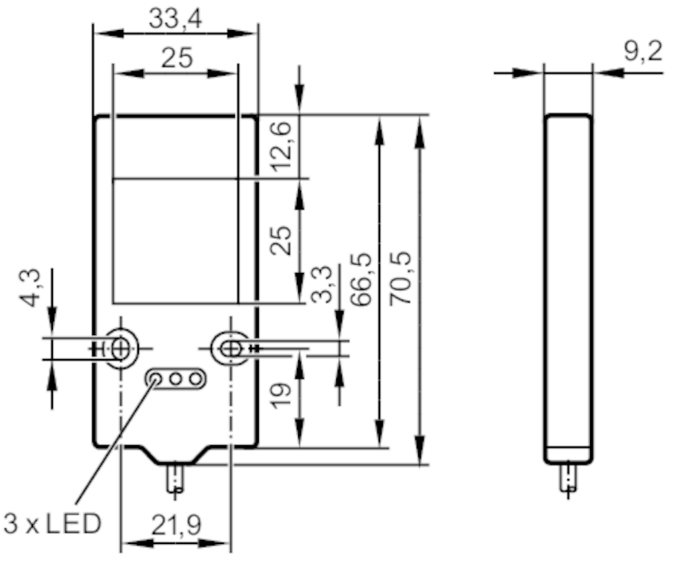
Alternative articles: O2D940

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]	25 x 25
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": 50; operating mode "high light intensity": 25
Protection class		III
Reverse polarity protection		yes
Type of light		red light
Wave length	[nm]	660
Inputs		
Trigger		24 V PNP (IEC 61131-1)
Outputs		
Overload protection		yes
Operating conditions		
Ambient temperature	[°C]	0...50
Protection		IP 65

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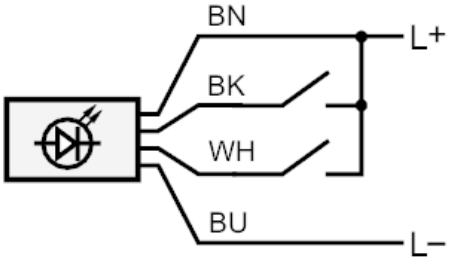
Overheat protection			yes
Tests / approvals			
MTTF	[years]		509
Mechanical data			
Weight	[g]		94.5
Dimensions	[mm]		66.5 x 33.4 x 9.2
Materials			aluminium
Lens material			PMMA
Displays / operating elements			
Display		illumination status	1 x LED, yellow
		operation	1 x LED, green
		excess temperature / 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