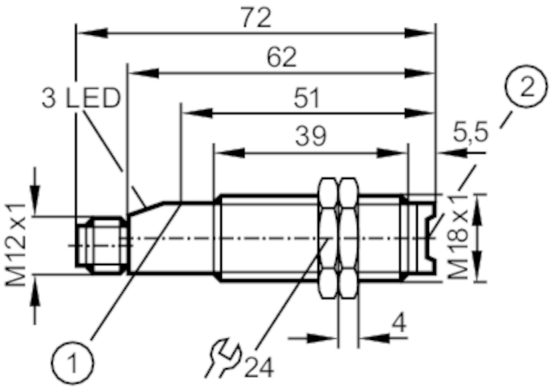
OG5064

Through-beam sensor receiver

OGELFNKG/B1/V4A/US-100

Article no longer available - archive entry



1 pushbutton
2 LED $Justierhilfe

Product characteristics		
Type of light		red light
Housing		Threaded type
Application		
System		gold-plated contacts; Function check output
Function principle		Through-beam sensor
Electrical data		
Operating voltage	[V]	10...30 DC
Current consumption	[mA]	< 30
Protection class		II
Reverse polarity protection		yes
Type of light		red light
Wave length	[nm]	675
Outputs		
Electrical design		NPN
Output function		light-on/dark-on mode; (configurable)
Max. voltage drop switching output DC	[V]	2.5
Function check output		yes
Max. voltage drop of function check output	[V]	3.5
Max. current load for function check output	[mA]	10
Permanent current rating of switching output DC	[mA]	200
Switching frequency DC	[Hz]	500
Short-circuit protection		yes
Type of short-circuit protection		yes (non-latching)
Overload protection		yes

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Monitoring range			
Transmitter / receiver		receiver	
Range	[m]	< 60	
Range adjustable		yes	
Diameter of the smallest detectable object	[mm]	3	
Operating conditions			
Ambient temperature	[°C]	-10...50	
Protection		IP 67	
Tests / approvals			
EMC		EN 60947-5-2	
Mechanical data			
Housing		Threaded type	
Dimensions	[mm]	M18 x 1 / L = 72	
Thread designation		M18 x 1	
Material		stainless steel (1.4404 / 316L); PBT	
Lens material		PMMA	
Displays / operating elements			
Display		Switching status	1 x LED, yellow
		Power	1 x LED, green
		Function	1 x LED, red
Accessories			
Items supplied		lock nuts: 2	
Remarks			
Pack quantity		1 pcs.	
Electrical connection			

Connector: 1 x M12; coding: A; Contacts: gold-plated

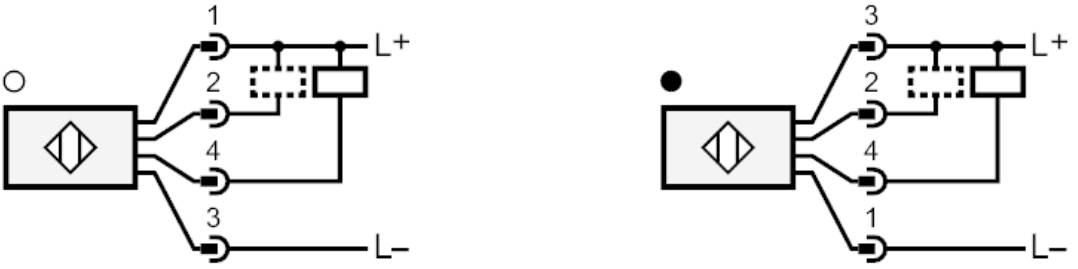


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Connection



2 Function check output

Diagrams and graphs

excess gain graph

