

# OC5220



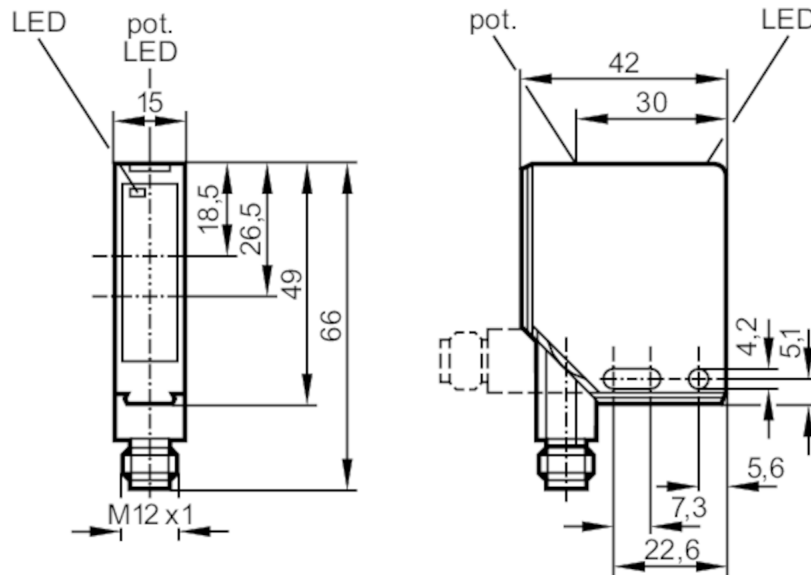
## Contrast sensor

OCK-FCKG/US-100

Article to be discontinued

Alternative articles: O5K500

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



Receiver in upper lens  
transmitter in lower lens

### Product characteristics

Type of light	green light
Housing	rectangular

### Application

Function principle	Diffuse reflection sensor
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### Electrical data

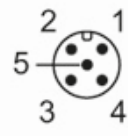
Operating voltage	[V]	10...30 DC
Current consumption	[mA]	< 30
Protection class		II
Reverse polarity protection		yes
Type of light		green light
Wave length	[nm]	565

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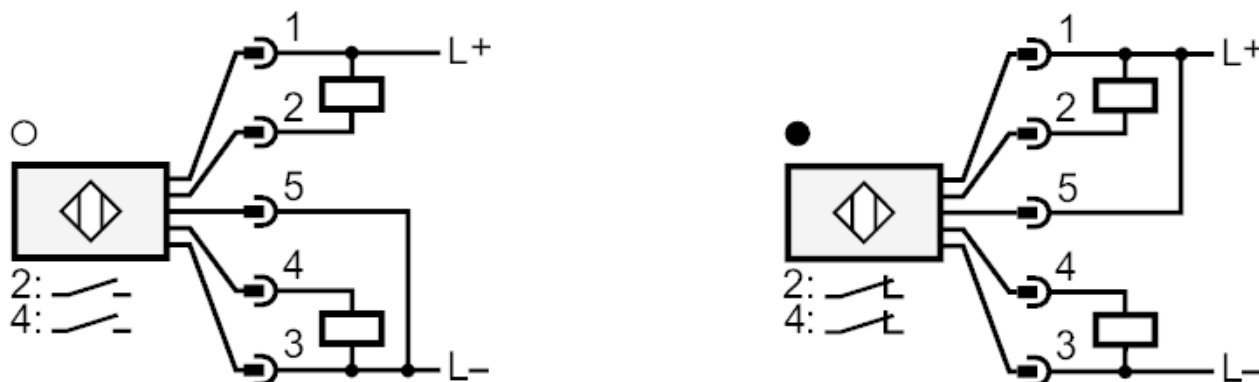
Outputs	
Electrical design	PNP/NPN
Output function	light-on/dark-on mode; (configurable)
Max. voltage drop switching output DC [V]	2.9
Permanent current rating of switching output DC [mA]	100
Switching frequency DC [Hz]	10000
Short-circuit protection	yes
Type of short-circuit protection	yes (non-latching)
Overload protection	yes
Monitoring range	
Range [mm]	< 13.5
Max. light spot diameter [mm]	2
Light spot dimensions refer to	at maximum range
Operating conditions	
Ambient temperature [°C]	-25...60
Protection	IP 67
Tests / approvals	
EMC	EN 60947-5-2
Mechanical data	
Housing	rectangular
Dimensions [mm]	49 x 15 x 42
Material	diecast zinc
Lens material	PMMA
Accessories	
Items supplied	screwdrivers
Remarks	
Pack quantity	1 pcs.
Electrical connection	
Connector: 1 x M12; coding: A	
	



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### Connection



### Diagrams and graphs

excess gain graph

