

Through-beam sensor receiver

OGE-FPKG/US-100

Article no longer available - archive entry

Alternative articles: OG5096

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



1 pushbutton

Product characteristics

Housing	Threaded type
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Application

System	Function check output
Function principle	Through-beam sensor

Electrical data

Operating voltage [V]	10...36 DC
Current consumption [mA]	< 24
Protection class	II
Reverse polarity protection	yes

Outputs

Electrical design	PNP
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

Monitoring range

Transmitter / receiver	receiver
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Range	[m]	< 15	
Range adjustable		yes	
Operating conditions			
Ambient temperature	[°C]	-25...80	
Protection		IP 67	
Tests / approvals			
EMC	EN 60947-5-2		
	EN 55011	class B	
Mechanical data			
Housing		Threaded type	
Dimensions	[mm]	M18 x 1 / L = 72	
Thread designation		M18 x 1	
Material		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			



Connection

