

Through-beam sensor transmitter

OGSLOOKG/B4/V4A/US-100

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Alternative articles: OGS700 + OGS701

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



1 pushbutton

Product characteristics

Type of light	red light
Laser protection class	2
Housing	threaded type

Application

Special feature	Gold-plated contacts
Function principle	Through-beam sensor

Electrical data

Operating voltage	[V]	10...30 DC
Current consumption	[mA]	< 17
Protection class		II
Reverse polarity protection		yes
Type of light		red light
Wave length	[nm]	675
Typ. lifetime	[h]	50000

Outputs

Short-circuit protection	yes
Type of short-circuit protection	pulsed
Overload protection	yes

Detection zone

Transmitter / receiver		transmitter
Range	[m]	2...6; (\$abhaengig_vom_verwendeten_Empfaenger)
Diameter of the smallest detectable object	[mm]	0.5
Max. light spot diameter	[mm]	5
Light spot dimensions refer to		Range



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Operating conditions		
Ambient temperature	[°C]	-10...50
Protection		IP 67
Tests / approvals		
EMC	EN 60947-5-2	
	EN 55011	class B
Laser protection class		2
Notes on laser protection	Caution:	laser light
	pulse performance:	<= 2,2 mW
	Wave length:	675 nm
	frequency:	2,2 kHz
	Pulse length:	24 µs
	Do not stare into beam.	
	Avoid exposure to the laser light.	
	laser class:	2
		EN 60825-1
Mechanical data		
Housing		threaded type
Dimensions	[mm]	M18 x 1 / L = 72
Thread designation		M18 x 1
Materials		stainless steel (316L/1.4404); PBT
Lens material		PMMA
Displays / operating elements		
Display	operation	1 x LED, green
Accessories		
Items supplied		lock nuts: 2
Remarks		
Pack quantity		1 pcs.
Electrical connection		
Connector: 1 x M12; coding: A; Contacts: gold-plated		
		

OG5060



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Connection

