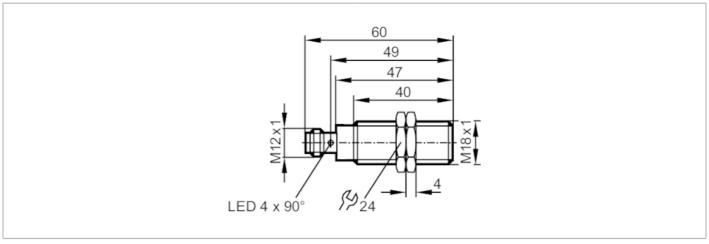
OGS200

Through-beam sensor transmitter

OGS-OOKG/US100







Type of light red light Housing Threaded type Application Through-beam sensor Function principle Through-beam sensor Electrical data Operating voltage [V] 1036 DC Current consumption [mA] 15 Protection class II Reverse polarity protection yes Type of light red light red light Wave length [nm] 624 Monitoring range Transmitter Transmitter Range [m] < 20	Product characteristics		
Application Function principle Function class Reverse polarity protection Type of light Function principle Function principle Function class Reverse polarity protection Type of light Function principle Function princ	Type of light		red light
Through-beam sensor	Housing		Threaded type
Current consumption (mA) 1036 DC	Application		
Operating voltage [M] 1036 DC Current consumption [mA] 15 Protection class II Reverse polarity protection yes Type of light red light Wave length [nm] 624 Monitoring range Transmitter / receiver transmitter Range [m] < 20	Function principle		Through-beam sensor
Current consumption [mA] 15 Protection class II Reverse polarity protection yes Type of light red light Wave length [nm] 624 Monitoring range Transmitter / receiver transmitter Range [m] < 20	Electrical data		
Protection class Reverse polarity protection Type of light Wave length Final Wave length Final Wonitoring range Transmitter / receiver Range Final Ran	Operating voltage	[V]	1036 DC
Reverse polarity protection Type of light Tred light Wave length [nm] 624 Monitoring range Transmitter / receiver Range [m] Range adjustable no Max. light spot diameter [mm] 800 Light spot dimensions refer to at maximum range Operating conditions Ambient temperature [°C] Protection Tests / approvals EMC MTTF [years] Mechanical data Weight [g] Yes red light red light Red Set 100 100 100 100 100 100 100 100 100 1	Current consumption	[mA]	15
Type of light red light Wave length [nm] 624 Monitoring range transmitter / receiver Range [m] < 20	Protection class		II
Wave length [nm] 624 Monitoring range Transmitter / receiver transmitter Range [m] < 20	Reverse polarity protection	1	yes
Monitoring range Transmitter / receiver Range [m] c 20 Range adjustable no Max. light spot diameter [mm] 800 Light spot dimensions refer to at maximum range Operating conditions Ambient temperature [°C] -2560 Protection IP 67 Tests / approvals EMC EN 60947-5-2 MTTF [years] 755 Mechanical data Weight [g] 49.1	Type of light		red light
Transmitter / receiver Range [m] < 20 Range adjustable no Max. light spot diameter [mm] 800 Light spot dimensions refer to at maximum range Operating conditions Ambient temperature [°C] -2560 Protection IP 67 Tests / approvals EMC EN 60947-5-2 MTTF [years] 755 Mechanical data Weight [g] 49.1	Wave length	[nm]	624
Range [m] < 20 Range adjustable no Max. light spot diameter [mm] 800 Light spot dimensions refer to at maximum range Operating conditions Ambient temperature [°C] -2560 Protection IP 67 Tests / approvals EMC EN 60947-5-2 MTTF [years] 755 Mechanical data Weight [g] 49.1	Monitoring range		
Range adjustable no Max. light spot diameter [mm] 800 Light spot dimensions refer to at maximum range Operating conditions Ambient temperature [°C] -2560 Protection IP 67 Tests / approvals EMC EN 60947-5-2 MTTF [years] 755 Mechanical data Weight [g] 49.1	Transmitter / receiver		transmitter
Max. light spot diameter [mm] Light spot dimensions refer to at maximum range Operating conditions Ambient temperature [°C] -2560 Protection IP 67 Tests / approvals EMC EN 60947-5-2 MTTF [years] 755 Mechanical data Weight [g] 49.1	Range	[m]	< 20
Light spot dimensions refer to Operating conditions Ambient temperature [°C] -2560 Protection IP 67 Tests / approvals EMC EN 60947-5-2 MTTF [years] 755 Mechanical data Weight [g] 49.1	Range adjustable		no
Operating conditions Ambient temperature [°C] -2560 Protection IP 67 Tests / approvals EMC EN 60947-5-2 MTTF [years] 755 Mechanical data Weight [g] 49.1	Max. light spot diameter	[mm]	800
Ambient temperature [°C] -2560 Protection IP 67 Tests / approvals EMC EN 60947-5-2 MTTF [years] 755 Mechanical data Weight [g] 49.1	Light spot dimensions refe	r to	at maximum range
Protection IP 67 Tests / approvals EMC EN 60947-5-2 MTTF [years] 755 Mechanical data Weight [g] 49.1	Operating conditions		
Tests / approvals EMC EN 60947-5-2 MTTF [years] 755 Mechanical data Weight [g] 49.1	Ambient temperature	[°C]	-2560
EMC EN 60947-5-2 MTTF [years] 755 Mechanical data Weight [g] 49.1	Protection		IP 67
MTTF [years] 755 Mechanical data Weight [g] 49.1	Tests / approvals		
Mechanical data Weight [g] 49.1	EMC		EN 60947-5-2
Weight [g] 49.1	MTTF	[years]	755
1.00	Mechanical data		
Housing Threaded type	Weight	[g]	49.1
	Housing		Threaded type
Dimensions [mm] $M18 \times 1 / L = 60$	Dimensions	[mm]	$M18 \times 1 / L = 60$
Thread designation M18 x 1	Thread designation		M18 x 1

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Through-beam sensor transmitter



OGS-OOKG/US100

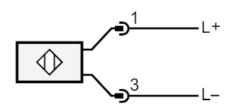
Material		housing: stainless steel (1.4404 / 316L)			
Lens material		PMMA			
Displays / operating elem	ents				
Display	Power	1 x LED, green			
Accessories					
Items supplied		lock nuts: 2			
Remarks					
Remarks		cULus - Class 2 source required			
Pack quantity		1 pcs.			

Electrical connection

Connector: 1 x M12; coding: A



Connection



OGS200

Through-beam sensor transmitter





Diagrams and graphs

excess gain graph

