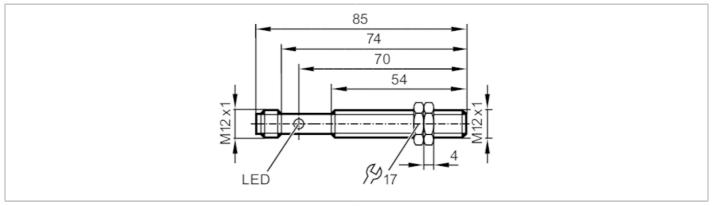
OF5021

Through-beam sensor transmitter

OFS-OOKG/US-100







Type of light Infrared light Housing Threaded type Application Through-beam sensor Electrical data Through-beam sensor Electrical data Operating voltage [V] 1036 DC Current consumption [m] < 25					
Threaded type Application Function principle Through-beam sensor Function principle Function prin	Product characteristics		Infrared light		
Application Function principle Through-beam sensor Electrical data Operating voltage [V] 1036 DC Current consumption [mA] < 25 Protection class III Reverse polarity protection yes Type of light Infrared light Wave length [mm] 880 Outputs Short-circuit protection yes Type of short-circuit protection yes Type of short-circuit protection yes Type of short-circuit protection yes Monitoring range Transmitter / receiver Itransmitter Range [m] < 4 Range adjustable no Max. light spot diameter [mm] 700 Light spot diameter [mm] 700 Light spot dimensions refer to at maximum range Operating conditions Ambient temperature [°C] -2560 Protection IP 65 Tests / approvals EMC EN 60947-5-2					
Electrical data Operating voltage [V] 1036 DC Current consumption [mA] < 25	_		Threaded type		
March Marc					
Operating voltage [V] 1036 DC Current consumption [mA] < 25	Function principle		Through-beam sensor		
Current consumption [mA] < 25	Electrical data				
Protection class II Reverse polarity protection yes Type of light Infrared light Wave length [nm] 880 Outputs Short-circuit protection yes Type of short-circuit protection yes (non-latching) Overload protection yes Monitoring range Transmitter / receiver transmitter Range adjustable no Max. light spot diameter [mm] 700 Light spot dimensions refer to at maximum range Operating conditions Ambient temperature [°C] -2560 Protection IP 65 Tests / approvals EMC EN 60947-5-2	Operating voltage	[V]	1036 DC		
Reverse polarity protection yes Type of light Infrared light Wave length [nm] 880 Outputs Short-circuit protection yes Type of short-circuit protection yes (non-latching) Overload protection yes Monitoring range Transmitter / receiver transmitter Range adjustable no Max. light spot diameter [mm] 700 Light spot dimensions refer to at maximum range Operating conditions Ambient temperature [°C] -2560 Protection IP 65 Tests / approvals EMC EN 60947-5-2	Current consumption	[mA]	< 25		
Type of light Infrared light Wave length [nm] 880 Outputs Short-circuit protection yes Type of short-circuit protection yes Operating range (m) yes Transmitter / receiver transmitter Range [m] < 4 Range adjustable no Max. light spot diameter [mm] 700 Light spot dimensions refer to at maximum range Operating conditions Ambient temperature [°C] -2560 Protection IP 65 Tests / approvals EMC EN 60947-5-2	Protection class		<u> </u>		
Wave length [nm] 880 Outputs Short-circuit protection yes Type of short-circuit protection yes (non-latching) Overload protection yes Monitoring range transmitter Transmitter / receiver transmitter Range [m] < 4	Reverse polarity protection		yes		
Outputs Short-circuit protection yes Type of short-circuit protection yes (non-latching) Overload protection yes Monitoring range Transmitter / receiver Range [m] < 4	Type of light		Infrared light		
Short-circuit protection Type of short-circuit protection Overload protection Overload protection Monitoring range Transmitter / receiver Range [m]	Wave length	[nm]	880		
Type of short-circuit protection Overload protection Wonitoring range Transmitter / receiver Range [m]	Outputs				
protection Overload protection Monitoring range Transmitter / receiver Range [m] < 4 Range adjustable Max. light spot diameter [mm] Light spot dimensions refer to Operating conditions Ambient temperature [°C] Protection Tests / approvals EMC	Short-circuit protection		yes		
Monitoring range Transmitter / receiver transmitter Range [m] < 4 Range adjustable no Max. light spot diameter [mm] 700 Light spot dimensions refer to at maximum range Operating conditions Ambient temperature [°C] -2560 Protection IP 65 Tests / approvals EMC EN 60947-5-2			yes (non-latching)		
Transmitter / receiver Range [m] < 4 Range adjustable Rax. light spot diameter [mm]	Overload protection	yes			
Range [m] < 4 Range adjustable no Max. light spot diameter [mm] 700 Light spot dimensions refer to at maximum range Operating conditions Ambient temperature [°C] -2560 Protection IP 65 Tests / approvals EMC EN 60947-5-2	Monitoring range				
Range adjustable no Max. light spot diameter [mm] 700 Light spot dimensions refer to at maximum range Operating conditions Ambient temperature [°C] -2560 Protection IP 65 Tests / approvals EMC EN 60947-5-2	Transmitter / receiver		transmitter		
Max. light spot diameter [mm] Light spot dimensions refer to Operating conditions Ambient temperature [°C] Protection Tests / approvals EMC EN 60947-5-2	Range	[m]	< 4		
Light spot dimensions refer to Operating conditions Ambient temperature [°C] -2560 Protection IP 65 Tests / approvals EMC EN 60947-5-2	Range adjustable		no		
Operating conditions Ambient temperature [°C] -2560 Protection IP 65 Tests / approvals EMC EN 60947-5-2	Max. light spot diameter	[mm]	700		
Ambient temperature [°C] -2560 Protection IP 65 Tests / approvals EMC EN 60947-5-2	Light spot dimensions refer to		at maximum range		
Protection IP 65 Tests / approvals EMC EN 60947-5-2	Operating conditions				
Tests / approvals EMC EN 60947-5-2	Ambient temperature	[°C]	-2560		
EMC EN 60947-5-2	Protection		IP 65		
EMC EN 60947-5-2	Tests / approvals				
MTTF [years] 1597			EN 60947-5-2		
	MTTF	[years]	1597		

OF5021

Through-beam sensor transmitter





Mechanical data					
Weight	[g]	35.5			
Housing		Threaded type			
Dimensions	[mm]	M12 x 1 / L = 74			
Thread designation		M12 x 1			
Material		brass white bronze coated			
Lens material		PMMA			

Material	brass write bronze coated				
Lens material	РММА				
Displays / operating elements					
Display	Power	1 x LED, green			
Accessories					
Items supplied	lock nuts: 2 x				
Remarks					
Pack quantity	1 pcs.				

Electrical connection

Connector: 1 x M12; coding: A



Connection

