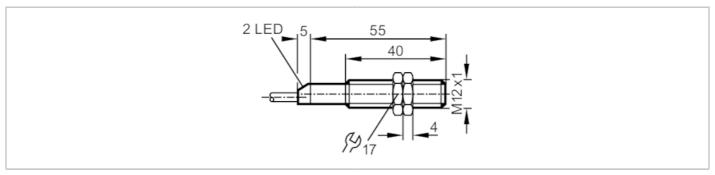
OF5018

Through-beam sensor transmitter

OFS-OOKG







Electrical data Operating voltage [V] 1036 DC Current consumption [mA] < 20 Protection class II Reverse polarity protection yes Type of light Infrared light Wave length [mm] 880 Outputs Short-circuit protection yes Type of short-circuit protection yes (non-latching) Overload protection yes Monitoring range Transmitter / receiver transmitter Range [m] < 4 Max. light spot diameter [m] < 4 Max. 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] 1597	Product characteristics			
Punction principle Through-beam sensor	Type of light		Infrared light	
Electrical data Through-beam sensor Operating voltage [V] 1036 DC Current consumption [mA] < 20	Housing		Threaded type	
Comment of the state of the s	Application			
Operating voltage [V] 1036 DC Current consumption [mA] < 20	Function principle		Through-beam sensor	
Current consumption [mA] < 20	Electrical data			
Protection class	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 [m] < 4	Current consumption	[mA]	< 20	
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 [m] < 4 Max. light spot diameter [mm] 700 Light spot dimensions refer to at maximum range Operating conditions Ambient temperature [°C] -2560 Protection IP 67 Tests / approvals EMC EN 60947-5-2 597 Mchanical data Weight [g] 72.3 Housing Threaded type Dimensions [mm] M12 x 1 / L = 60	Protection class		II	
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 Max. light spot diameter [mm] 700 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 MTTF [years] 1597 Mechanical data Weight [g] 72.3 Housing Threaded type Dimensions [mm] M12 x 1 / L = 60	Type of light		Infrared light	
Short-circuit protection yes Type of short-circuit protection yes (non-latching) Overload protection yes Monitoring range Transmitter / receiver Range [m] < 4	Wave length	[nm]	880	
Type of short-circuit protection yes (non-latching) Overload protection yes Monitoring range Transmitter / receiver transmitter Range [m] < 4	Outputs			
protection yes Overload protection yes Monitoring range Transmitter / receiver transmitter Range [m] < 4	Short-circuit protection		yes	
Monitoring range Transmitter / receiver transmitter Range [m] < 4			yes (non-latching)	
Transmitter / receiver transmitter Range [m] < 4	Overload protection		yes	
Range [m] < 4	Monitoring range			
Max. light spot diameter [mm] 700 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] Mechanical data Weight [g] Housing Threaded type Dimensions [mm]	Transmitter / receiver		transmitter	
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] 1597 Mechanical data Weight [g] 72.3 Housing Threaded type Dimensions [mm] M12 x 1 / L = 60	Range	[m]	< 4	
Operating conditions Ambient temperature [°C] -2560 Protection IP 67 Tests / approvals EMC EN 60947-5-2 MTTF [years] 1597 Mechanical data Weight [g] 72.3 Housing Threaded type Dimensions [mm] M12 x 1 / L = 60	Max. light spot diameter	[mm]	700	
Ambient temperature [°C] -2560 Protection IP 67 Tests / approvals EMC EN 60947-5-2 MTTF [years] 1597 Mechanical data Weight [g] 72.3 Housing Threaded type Dimensions [mm] M12 x 1 / L = 60	Light spot dimensions refer to		at maximum range	
Protection IP 67 Tests / approvals EMC EN 60947-5-2 1597 Mechanical data Weight [g] 72.3 Housing Threaded type Dimensions [mm] M12 x 1 / L = 60	Operating conditions			
Tests / approvals EMC EN 60947-5-2 MTTF [years] Mechanical data Weight [g] Housing Threaded type Dimensions [mm]	Ambient temperature	[°C]	-2560	
EMC EN 60947-5-2 MTTF [years] 1597 Mechanical data Weight [g] 72.3 Housing Threaded type Dimensions [mm] M12 x 1 / L = 60	Protection		IP 67	
MTTF [years] 1597 Mechanical data Weight [g] 72.3 Housing Threaded type Dimensions [mm] M12 x 1 / L = 60	Tests / approvals			
Mechanical data Weight [g] 72.3 Housing Threaded type Dimensions [mm] M12 x 1 / L = 60	EMC		EN 60947-5-2	
Weight [g] 72.3 Housing Threaded type Dimensions [mm] M12 x 1 / L = 60	MTTF	[years]	1597	
Housing Threaded type Dimensions [mm] M12 x 1 / L = 60	Mechanical data			
Dimensions [mm] M12 x 1 / L = 60	Weight	[g]	72.3	
	Housing		Threaded type	
Thread designation M12 x 1	Dimensions	[mm]	M12 x 1 / L = 60	
	Thread designation		M12 x 1	

OF5018

Through-beam sensor transmitter

Core colors :

brown

blue



OFS-OOKG

BN =

BU =

Material	brass nickel-plated			
Lens material	РММА			
Displays / operating elements				
Display	Power	1 x LED, green		
Accessories				
Items supplied	lock nuts: 2			
Remarks				
Pack quantity	1 pcs.			
Electrical connection				
Cable: 2 m, PUR; 2 x 0.34 mm ²				
Connection				
	BN	——L+ ——L-		