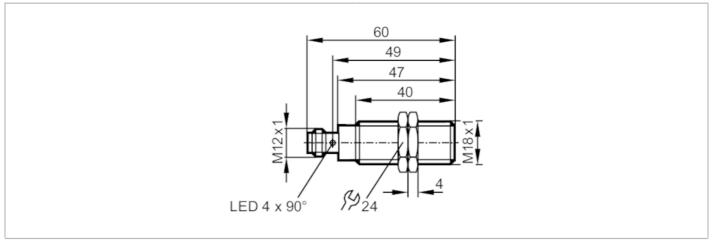
OGS300

Through-beam sensor transmitter

OGS-OOKG/US100







Type of light Housing Application		red light threaded type	
-		threaded type	
Application		3	
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	
Wave length [nm]	624	
Detection zone			
Transmitter / receiver		transmitter	
Range	[m]	< 20	
Range adjustable		no	
Max. light spot diameter [r	nm]	800	
Light spot dimensions refer to		at maximum range	
Operating conditions			
Ambient temperature	[°C]	-2580	
Protection		IP 65; IP 67; IP 68; IP 69K	
Tests / approvals			
EMC		EN 60947-5-2	
MTTF [A	NN]	755	
Mechanical data			
Weight	[g]	59.4	
Housing		threaded type	
Dimensions [r	nm]	M18 x 1 / L = 60	
Thread designation		M18 x 1	

OGS300

Through-beam sensor transmitter





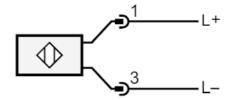
Materials		housing: stainless steel (1.4404 / 316L); Sealing: EPDM			
Lens material		РММА			
Displays / operating elements					
Display	operation	1 x LED, green			
Аксесуари					
Items supplied		lock nuts: 2			
Remarks					
Remarks		operating voltage "supply class 2" according to cULus			
Pack quantity		1 pcs.			

Electrical connection

Connector: 1 x M12; coding: A



Connection



OGS300

Through-beam sensor transmitter

OGS-OOKG/US100



Diagrams and graphs

excess gain graph

