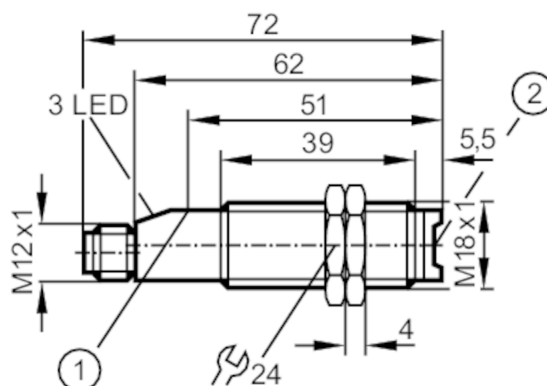


OGELFNKG/B2/V4A/US-100



Electrical design	NPN
Output function	light-on/dark-on mode; (parameterisable)
Max. voltage drop switching output DC [V]	2.5
Function check output	yes
Max. voltage drop of function check output [V]	3.5
Max. current load for function check output [mA]	10
Permanent current rating of switching output DC [mA]	200
Switching frequency DC [Hz]	500
Short-circuit protection	yes
Type of short-circuit protection	pulsed
Overload protection	yes



Through-beam sensor receiver

OGELFNKG/B2/V4A/US-100

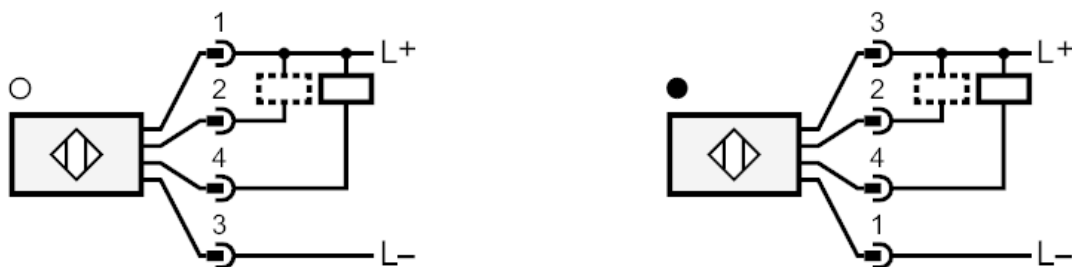
Detection zone		
Transmitter / receiver		receiver
Range [m]		< 6
Range adjustable		yes
Diameter of the smallest detectable object [mm]		1
Operating conditions		
Ambient temperature [°C]		-10...50
Protection		IP 67
Tests / approvals		
EMC	EN 60947-5-2	
Mechanical data		
Housing		threaded type
Dimensions [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	switching status	1 x LED, yellow
	operation	1 x LED, green
	function	1 x LED, red
Accessories		
Items supplied		lock nuts: 2
Remarks		
Pack quantity		1 pcs.
Electrical connection		
Connector: 1 x M12; coding: A; Contacts: gold-plated		
		



Through-beam sensor receiver

OGELFNKG/B2/V4A/US-100

Connection



2 Function check output

Diagrams and graphs

excess gain graph

