

no longer available - archive entry

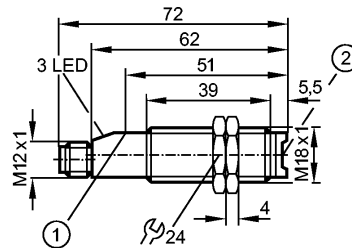
efector200

OG5064



OGELFNKG/B1/V4A/US-100

Photoelectric sensors



- 1: pushbutton
- 2: LED adjustment aid



Product characteristics

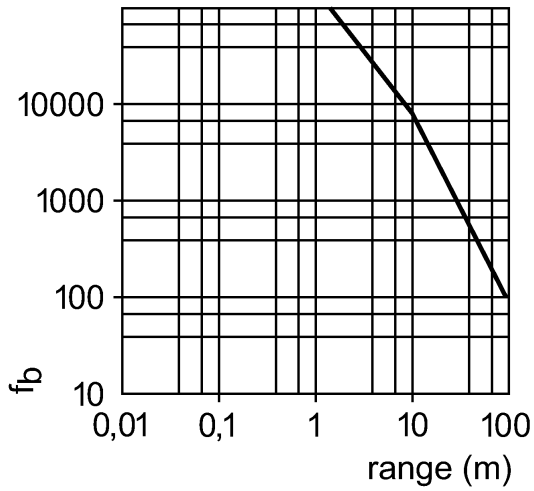
Through-beam sensor
Threaded type
M18 x 1
Quick disconnect
Function check output
gold-plated contacts
Receiver
Sensing range 60m
adjustable

Electrical data	
Electrical design	DC NPN
Operating voltage [V]	10...30 DC
Current consumption [mA]	< 30
Type of light	red light 675 nm
Protection class	II
Reverse polarity protection	yes

Outputs	
Output function	light-on / dark-on programmable
Voltage drop	
- Switching output [V]	< 2.5
- Function check output [V]	< 3.5
Current rating	
- Switching output [mA]	200
- Function check output [mA]	10
Short-circuit protection	yes (non-latching)
Overload protection	yes
Switching frequency [Hz]	500
Monitoring range	
Sensing range [m]	60
Smallest detectable object [mm]	Ø 3 mm

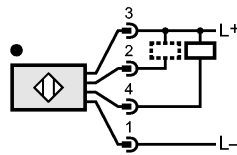
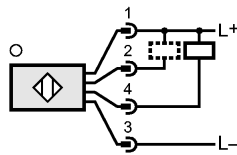
Excess gain graphs

OG5064 - Through-beam sensor - eclass: 27270901 / 27-27-09-01



Environment	
Ambient temperature [°C]	-10...50
Protection	IP 67
Tests / approvals	
EMC	EN 60947-5-2
Mechanical data	
Housing materials	stainless steel 316L / 1.4404; PBT
Lens material	PMMA
Weight [kg]	0.075
Displays / operating elements	
Output status indication LED	yellow
Power LED	green
Function display LED	red
Electrical connection	
Connection	M12 connector; gold-plated contacts

Wiring



2: function check

Accessories	
Accessories (included)	2 lock nuts
Remarks	
Pack quantity [piece]	1