

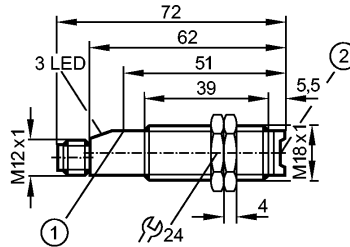
no longer available - archive entry Alternative article: OGE701 + EVC01E
 When selecting an alternative article and accessories please note that technical data may differ!

efector200
 OG5070



OGELFNKG/B3/V4A/US-100

Photoelectric sensors



1: pushbutton
 2: LED adjustment aid



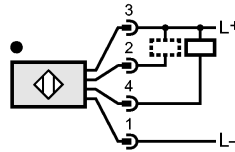
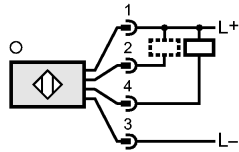
Product characteristics

Through-beam sensor	
Threaded type	
M18 x 1	
Quick disconnect	
Function check output	
gold-plated contacts	
Receiver	
Sensing range 2m 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]	2
Smallest detectable object [mm]	Ø 0.5 mm
Environment	
Ambient temperature [°C]	-10...50
Protection	IP 67
Tests / approvals	
EMC	EN 60947-5-2 EN 55011: class B
MTTF [Years]	449
Mechanical data	

OG5070 - Through-beam sensor - eclass: 27270901 / 27-27-09-01

Housing materials	stainless steel 316L / 1.4404; PBT	
Lens material	PMMA	
Weight [kg]	0.074	
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	

ifm efector, inc. • 1100 Atwater Drive • Malvern • PA 19355 — We reserve the right to make technical alterations without prior notice. — US — OG5070 — 06.03.2003

no longer available - archive entry Alternative article: OGE701 + EVC01E

When selecting an alternative article and accessories please note that technical data may differ!