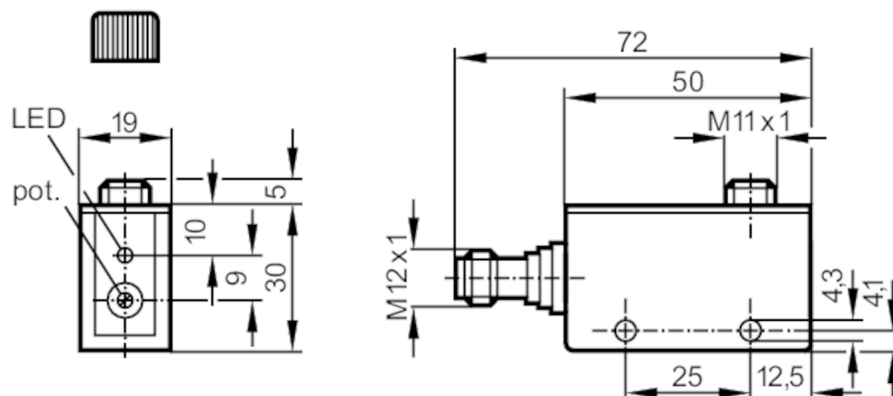


OK5008



Fiber-optic amplifier

OKF-FPKG/US-100-DPF



Product characteristics

Type of light	red light
Housing	rectangular

Electrical data

Operating voltage	[V]	10...36 DC
Current consumption	[mA]	30; ((24 V))
Protection class		III
Reverse polarity protection		yes
Type of light		red light
Wave length	[nm]	660

Outputs

Electrical design		PNP
Output function		light-on/dark-on mode; (programmable)
Max. voltage drop switching output DC	[V]	2.5
Permanent current rating of switching output DC	[mA]	250
Switching frequency DC	[Hz]	120
Short-circuit protection		yes
Type of short-circuit protection		yes (non-latching)
Overload protection		yes

Monitoring range

Range	[m]	0...0.12; (Through-beam sensor)
Range	[mm]	0...40; (Diffuse reflection sensor)
Range adjustable		yes

Operating conditions

Ambient temperature	[°C]	-25...60
Protection		IP 65



Fiber-optic amplifier

OKF-FPKG/US-100-DPF

Tests / approvals		
EMC	EN 60947-5-2	
	EN 55011	class B
MTTF	[years]	529
Mechanical data		
Weight	[g]	66
Housing		rectangular
Dimensions	[mm]	50 x 19 x 35
Number of channels		1
Material		PPO modified
Displays / operating elements		
Display	Switching status	1 x LED, yellow
Accessories		
Items supplied		screwdrivers
		screws: 2 x (M4 x 25 mm)
		washers: 2
		spring washers: 2
		Nuts: 2
Remarks		
Remarks		light-on mode corresponds to the NC output function for through-beam fibers
		corresponds to the NO output function for diffuse-reflection fibers
		dark-on mode corresponds to the NO output function for through-beam fibers
		corresponds to the NC output function for diffuse-reflection fiber optics
Pack quantity		1 pcs.
Electrical connection		
Connector: 1 x M12; coding: A		
		

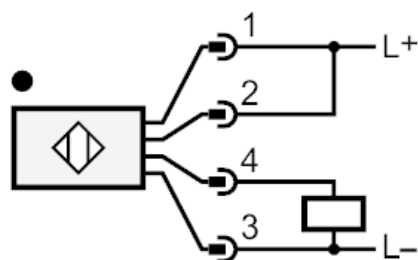
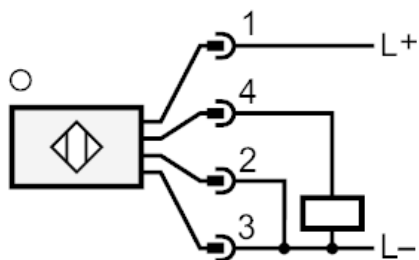
OK5008



Fiber-optic amplifier

OKF-FPKG/US-100-DPF

Connection



Core colors :
BN = brown
BU = blue
BK = black
WH = white