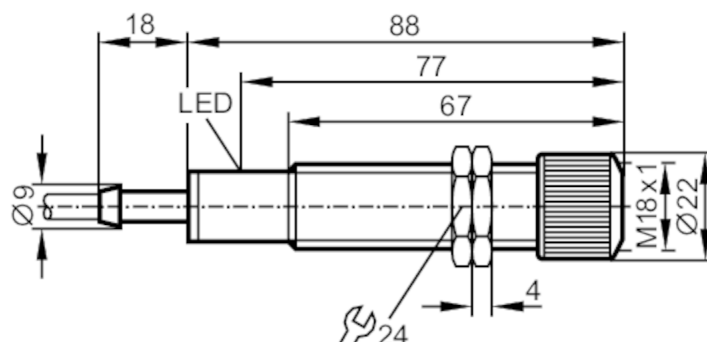


Fiber-optic amplifier

OGF-DBOA/90-250V

Article no longer available - archive entry



Product characteristics

Type of light	Infrared light
Housing	Threaded type

Electrical data

Frequency AC	[Hz]	47...63
Operating voltage	[V]	90...250 AC/DC
Protection class		II
Type of light		Infrared light
Wave length	[nm]	880

Outputs

Output function		dark-on mode
Max. voltage drop switching output DC	[V]	9.5
Max. voltage drop switching output AC	[V]	9.5
Minimum load current	[mA]	10
Max. leakage current	[mA]	5
Permanent current rating of switching output AC	[mA]	200; (250 (...50 °C))
Permanent current rating of switching output DC	[mA]	50
Short-time current rating of switching output	[mA]	900; (10 ms / 0,5 Hz)
Switching frequency AC	[Hz]	25
Switching frequency DC	[Hz]	70
Short-circuit protection		no
Overload protection		no

Monitoring range

Range	[m]	0...0.08; (Through-beam sensor)
Range	[mm]	0...15; (Diffuse reflection sensor)

Operating conditions

Ambient temperature	[°C]	-25...80
Protection		IP 65

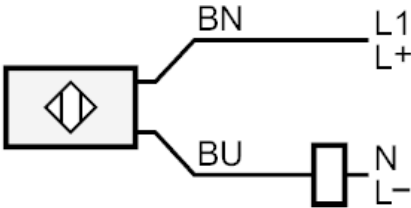
OG0016



Fiber-optic amplifier

OGF-DBOA/90-250V

Tests / approvals		
EMC	EN 60947-5-2	
	EN 55011	class B
Mechanical data		
Housing	Threaded type	
Dimensions [mm]	M18 x 1 / L = 88	
Thread designation	M18 x 1	
Material	brass nickel-plated	
Lens material	PMMA	
Displays / operating elements		
Display	Switching status	1 x LED, yellow
Accessories		
Items supplied	lock nuts: 2	
	knurled nut	
Remarks		
Remarks	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		
Cable: 2 m, PVC; 2 x 0.5 mm²		
Connection		



BN = Core colors : brown
BU = blue