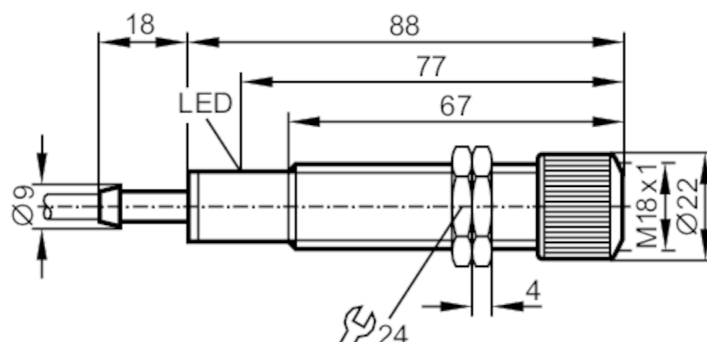


Fibre-optic amplifier

OGF-HPKG

Article no longer available - archive entry



Product characteristics

Type of light	infrared light
Housing	threaded type

Electrical data

Operating voltage	[V]	10...55 DC
Current consumption	[mA]	< 30
Protection class		II
Reverse polarity protection		yes
Type of light		infrared light
Wave length	[nm]	880

Outputs

Electrical design		PNP
Output function		light-on mode
Max. voltage drop switching output DC	[V]	2.5
Permanent current rating of switching output DC	[mA]	250
Switching frequency DC	[Hz]	160
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes

Detection zone

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

Operating conditions

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

Tests / approvals

EMC	EN 60947-5-2	
	EN 55011	class B

Mechanical data

Housing		threaded type
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OG5018



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Dimensions	[mm]	M18 x 1 / L = 88
Thread designation		M18 x 1
Materials		brass nickel-plated

Displays / operating elements

Display	switching status	1 x LED, yellow
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Accessories

Items supplied	lock nuts: 2
	Lock nut

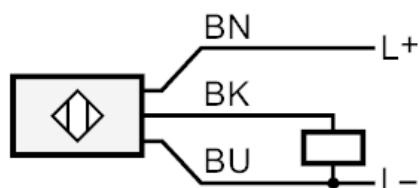
Remarks

Remarks	light-on mode corresponds to the NC output function for through-beam fibre optics corresponds to the NO output function for diffuse-reflection fibre optics
Pack quantity	1 pcs.

Electrical connection

Cable: 2 m, PVC; 3 x 0.5 mm²

Connection



	Core colours :
BN =	brown
BU =	blue
BK =	black