

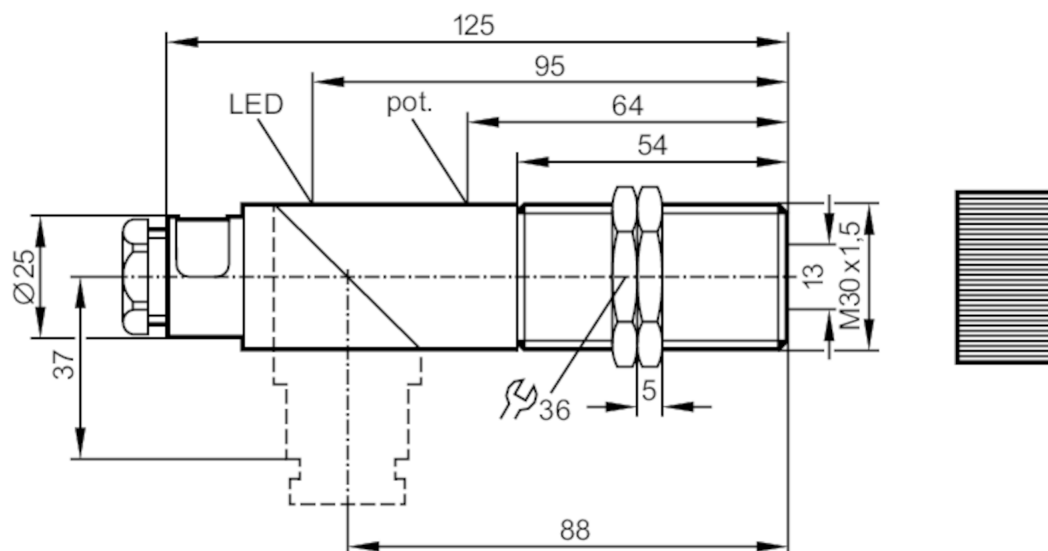
Fibre-optic amplifier

OIF-FBOW

Article no longer available - archive entry

Alternative articles: OI0013

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



Product characteristics

Type of light	infrared light
Housing	threaded type

Electrical data

Frequency AC	[Hz]	47...63
Operating voltage	[V]	20...250 AC
Protection class		II
Reverse polarity protection		no
Type of light		infrared light
Wave length	[nm]	880

Outputs

Output function		light-on/dark-on mode; (parameterisable)
Max. voltage drop switching output AC	[V]	4
Max. leakage current	[mA]	12
Permanent current rating of switching output AC	[mA]	300
Short-time current rating of switching output	[mA]	2200; (10 ms / 0,5 Hz)
Switching frequency AC	[Hz]	15
Short-circuit proof		no
Overload protection		no

Detection zone

Range	[m]	< 0.3
Range	[mm]	< 70



Fibre-optic amplifier

OIF-FBOW

Range adjustable	yes
------------------	-----

Operating conditions

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

Tests / approvals

EMC	EN 60947-5-2	
-----	--------------	--

Mechanical data

Housing		threaded type
Dimensions	[mm]	M30 x 1.5 / L = 125
Thread designation		M30 x 1.5
Materials		PPO modified; PBT

Displays / operating elements

Display	switching status	1 x LED, yellow
---------	------------------	-----------------

Accessories

Items supplied	lock nuts: 2
	screwdrivers

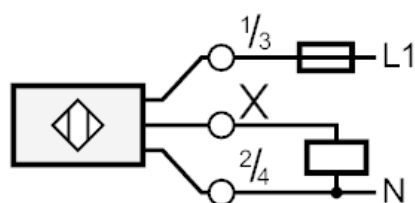
Remarks

Remarks	Recommendation: Check the safe functioning of the unit after a short circuit.
	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
	dark-on mode corresponds to the NO output function for through-beam fibre optics
	corresponds to the NC output function for diffuse-reflection fibre optics
Pack quantity	1 pcs.

Electrical connection

terminals: ...1.5 mm²; Cable gland: M20 X 1.5

Connection



Note : miniature fuse to IEC60127-2 sheet 1 ≤ 2 A fast acting