

## Line laser, green, 532 nm, 90 °, 5 mW

LFL532-5-3(12x60)  
Order Number: 70103380

Main Parameters (*)	min	typ	max	Unit
Wavelength		532		nm
Optical Output Power		5		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	100	200	300	mA
Operating Temperature	15		30	°C
Storage Temperature	-40		80	°C

### Main Data

Warranty 1 years

### Technical Parameters

Lifetime > 5,000 h  
RoHS yes

### Optical Parameters

Beam Shape	Line
Laser Class	1
Divergence	D - 0.5 mrad
Fan Angle	90 °
Line Thickness	<2mm@3m
Operating Distance	3 m
Optics	glass lens AR coated
Beam Mode	TEM00
Laser technology	YVO4+KTP
Stability	+/- 10% @ 15-30°C
Focus	fixed (3000mm)
Warm up time	< 15 min

### Electrical Parameters

Potential of Housing isolated  
Power Supply LFNT-3

### Mechanical Parameters

Size	Ø12x60 mm
Material	aluminium
Cable length	100 mm
Wire type	26AWG, 0,14mm <sup>2</sup>
Output Aperture	3 mm
Housing Color	black

Weight	24 g
Stripping of wire	5 mm

(\*) Over the complete operating temperature range

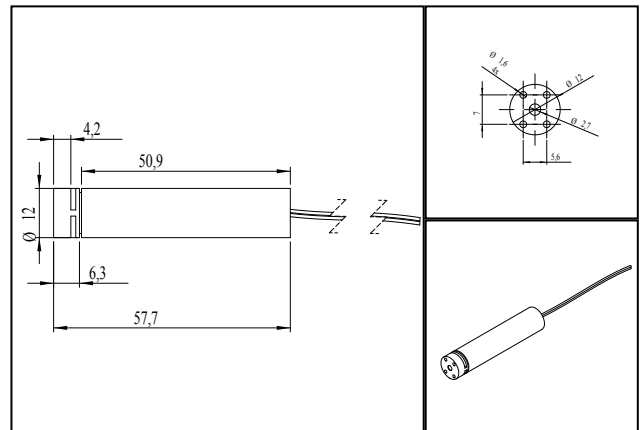
### Picture



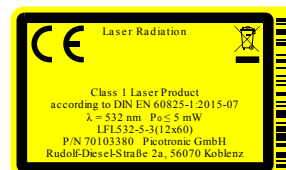
### Cable color

Ground		blue	GND
Positive		red	2.7 - 3.3, typ 3 V DC

### Drawing



### Safety Label



### Valid Revision

28 | 10-MAY-2023

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