

Dot laser, green, 532nm, 1mW

LFD532-1-3(12x60)-001

Order Number: 70105612

Main Parameters (*)	min	typ	max	Unit
Wavelength		532		nm
Optical Output Power		1		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	125	250	375	mA
Operating Temperature	15		30	°C
Storage Temperature	-40		80	°C

Technical Parameters

Lifetime	>5000h
RoHS	yes

Optical Parameters

Beam Shape	Dot
Laser Class	2
Divergence	D - 0.5mrad
Beam Diameter	2.5mm
Size of Laserdot	<4mm@10m
Operating Distance	50m
Optics	glass lens AR coated
Beam Mode	TEM00
Laser technology	Solid State (YVO4+KTP)
Focus	collimated
Warm up time	<15min

Electrical Parameters

Potential of Housing	isolated
Power Supply	LFNT-3

Mechanical Parameters

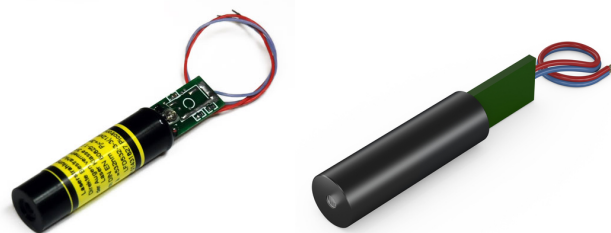
Size	Ø12x60mm
Material	aluminium
Cable length	100mm
Wire type	26AWG, 0,14mm ²
Output Aperture	3mm
Housing Color	black
Weight	13.5g
Stripping of wire	5mm

(*) Over the complete operating temperature range



Features

- Operating Voltage 3V DC
- Fixed focus
- Laser Class 2
- Compact size

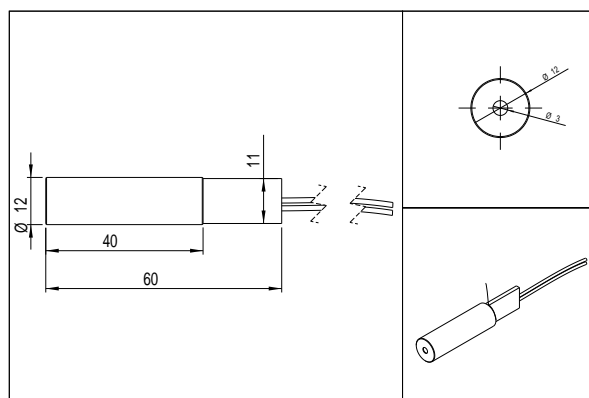
Picture



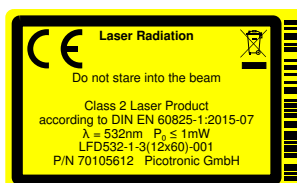
Cable Colors

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

Drawing



Safety Label



Revision

REV 14 | 14-JAN-2016

Laserfuchs is a registered trademark of the Picotronic GmbH

Picotronic GmbH	Geschäftsführende	FON +49(0)261-983 497-50	Sparkasse Koblenz	Postbank Stuttgart	Steuernummer: 22/651/0291/4
Rudolf-Diesel-Str. 2a	Gesellschafter:	FAX +49(0)261-983 497-55	BLZ 570 501 20, KTO 211 003	BLZ 600 100 70, KTO 770 787 04	Ust-Idnr. DE814473445
56070 Koblenz	David Heckner,	www.laserfuchs.de	BIC / IBAN : MALADE51KOB	BIC / IBAN : PBNKDEFF	Amtsgericht Koblenz HRB 20026
Germany	Thiemo Komischke	info@laserfuchs.de	DE41 5705 0120 0000 2110 03	DE41 6001 0070 0077 0787 04	WEEE-Reg.-Nr. DE85231360