

Line laser, blue, 405 nm, 90 °, 5 mW

LE405-5-5-F(14x60)
Order Number: 70112733

Main Parameters (*)	min	typ	max	Unit
Wavelength		405		nm
Optical Output Power		5		mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	30	54	85	mA
Operating Temperature	-10		40	°C
Storage Temperature	-40		70	°C

Main Data

Warranty 1 years

Technical Parameters

Lifetime > 5,000 h
RoHS yes

Optical Parameters

Beam Shape	Line
Laser Class	1
Divergence	E - 0.6 mrad
Fan Angle	90 °
Line Thickness	adjustable
Operating Distance	3 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	adjustable

Electrical Parameters

Potential of Housing isolated
Power Supply LFNT-5

Mechanical Parameters

Size	Ø14x60 mm
Material	aluminium
Cable length	100 mm
Wire type	26AWG, 0,14mm ²
Output Aperture	4 mm
Housing Color	black
Weight	18 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



- Operating Voltage 5 V DC
- Laser Class 1
- Adjustable focus
- Low power consumption

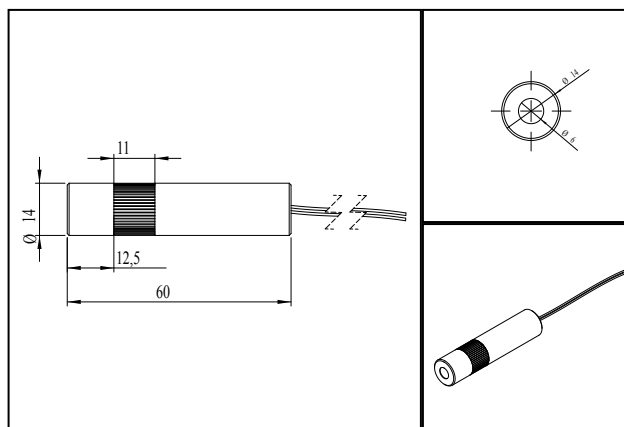
Picture



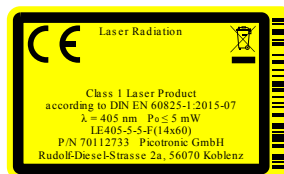
Cable color

Ground		black	GND
positive		red	4.5 - 5.5, typ 5 V DC

Drawing



Safety Label



Valid Revision

15 | 17-DEC-2018