

## Line laser, red, 635nm, 90°, 0.9mW

LI635-0.9-3(8x26)

Order Number: 70103830

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		0.9		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	20	40	60	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

### Technical Parameters

Lifetime	>5000h
RoHS	yes

### Optical Parameters

Beam Shape	Line
Laser Class	1
Divergence	1 - 1.5mrad
Fan Angle	90°
Line Thickness	<1mm@1m
Operating Distance	1m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (1000mm)

### Electrical Parameters

Potential of Housing	isolated
Power Supply	LFNT-3

### Mechanical Parameters

Size	Ø8x26mm
Material	aluminium
Cable length	100mm
Wire type	26AWG, 0,14mm <sup>2</sup>
Output Aperture	3mm
Housing Color	black
Weight	3.2g
Stripping of wire	5mm

(\*) Over the complete operating temperature range

### Features





- Laser Class 1
- For medical devices
- Operating Voltage 3V DC
- Fan angle 90°
- Fixed focus

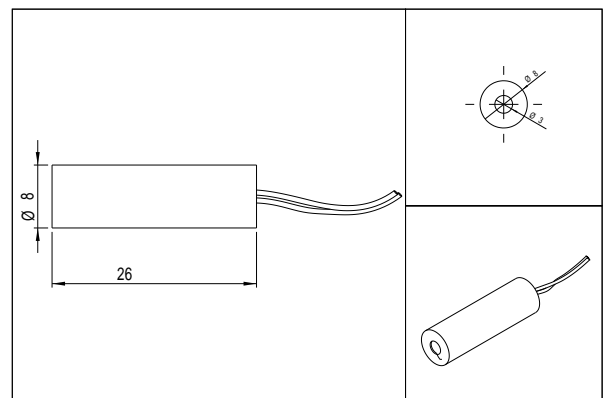
### Picture



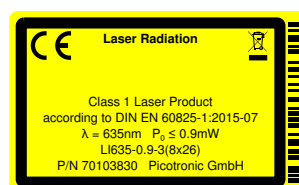
### Cable Colors

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

### Drawing



### Safety Label



### Revision

REV 2 | 29-JAN-2016