

Line laser, red, 650 nm, 90 °, 25 mW

LG650-25-3(14x45)
Order Number: 70122893

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		25		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	90	120	150	mA
Operating Temperature	-10		40	°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	2M
Divergence	G - 0.8 mrad
Fan Angle	90 °
Line Thickness	<2mm@3m
Operating Distance	3 m
Optics	acryl lense
Laser technology	Single Mode Diode
Focus	fixed (3000mm)

Electrical Parameters

Potential of Housing	isolated
Power Supply	LFNT-3
Stripping of cable cover	50 mm

Mechanical Parameters

Size	Ø14x45 mm
Material	aluminium
Cable length	1,000 mm
Wire type	Belden, AWG 28, 2.20mm, SK-20554-604(2CX28AWG)
Output Aperture	5 mm
Housing Color	black
Weight	18 g
Stripping of wire	5 mm

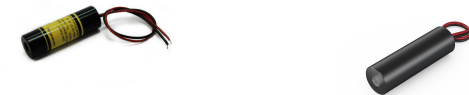
(*) Over the complete operating temperature range

Features



- Laser Class 2M
- Low power consumption
- Uniform line thickness
- Image processing

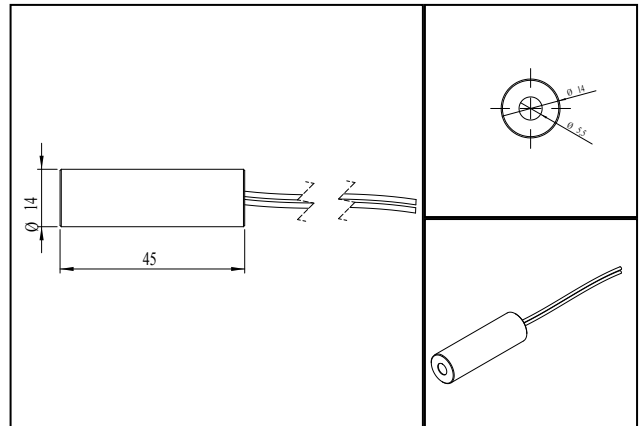
Picture



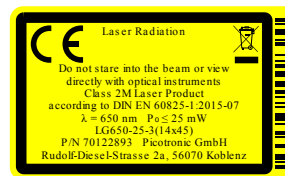
Cable color

Ground		black	GND
positive		red	2.7 - 3.3, typ 3 V DC

Drawing



Safety Label



Valid Revision

| 20-JUL-2020