

Red Line Lasermodule

LH650-16-24(20x80)-C500

Order Number: 70113884

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		16		mW
Operating Voltage	20	24	26	V DC
Operating Current	5	12	25	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Optical Parameters

Beam Shape	Line
Laser Class	2
Divergence	1mrad
Fan Angle	90°
Line Thickness	<2mm@1.5m
Operating Distance	1.5m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Protection Lens	yes
Focus	fixed (1500mm)

Technical Parameters

Lifetime	>10000h
RoHS	yes

Electrical Parameters

Potential of Housing	isolated
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Mechanical Parameters

Size	Ø20x80mm
Material	aluminium
Cable length	500mm
Wire type	22AWG, black, 3,6mm
Output Aperture	5.5mm
Housing Color	black
Weight	63g
Stripping of wire	5mm
Stripping of cable cover	50mm

(*) Over the complete operating temperature range

Features





- Operating Voltage 24V DC
- Isolated housing
- Laser Class 1
- Small laser head
- Protection lens

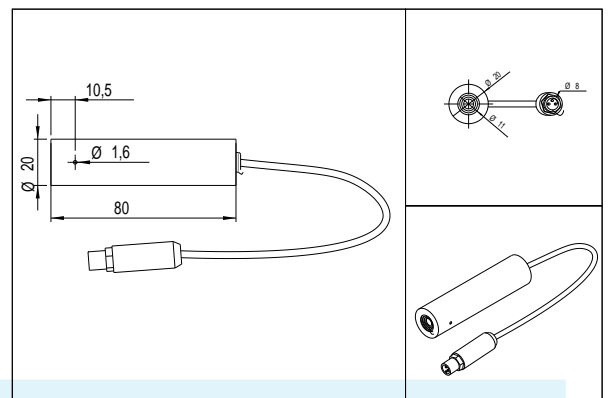
Picture



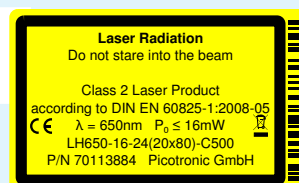
Cable Colors

Ground		black	GND
Positive		white	20 - 26, typ 24V DC

Drawing



Safety Label



Revision

REV 1 | 15-OCT-2014