

Expander Laser, red, 635 nm, 1 mW

E635-1-3-20(24x96)
Order Number: 70127607

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		1		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	20	35	55	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Stammdaten

Warranty	1 Jahre
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Technical Parameters

Lifetime	>5000 h
RoHS	yes

Optical Parameters

Beam Shape	expander
Laser Class	2
Operating Distance	10 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Opt. Power Stability at const. Temp.	<1 %
Focus	adjustable

Electrical Parameters

Potential of Housing	isolated
Power Supply	LFNT-3

Mechanical Parameters

Size	Ø24x96 mm
Material	aluminium
Cable length	200 mm
Wire type	Belden, Typ 1007, 26AWG
Output Aperture	20 mm
Housing Color	black
Weight	75 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



- Operating Voltage 3 V DC
- Image processing
- Laser Class 2
- Glas lenses anti reflex coated
- Adjustable focus

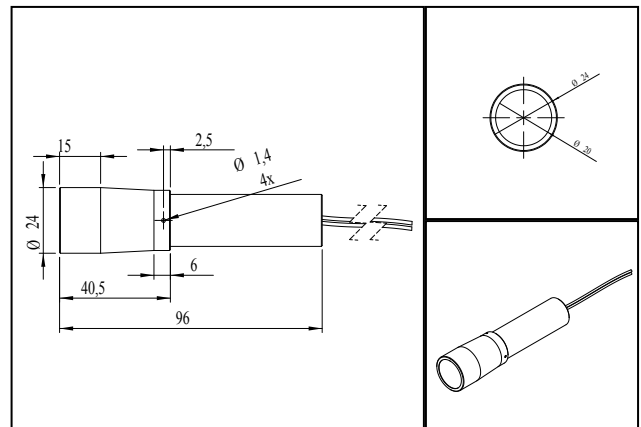
Picture



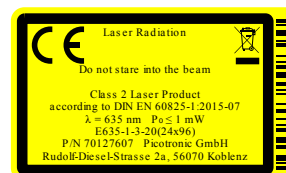
Cable color

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

Drawing



safety label



Valid Revision

| 09-JAN-2020