

# LASER MODULE – LDA 3000-SERIES



The LDA-series are recognised by their functional design. Due to the high variation of possible wavelengths and power settings which the standard modules already provide, the LDA series modules are suitable for a large range of industrial applications.

## CHARACTERISTICS

- Compact design
- Solid build for industrial use
- Operating voltage 4 – 6VDC
- Highly opened optics  
(small beam dot at long range)
- Module for laser diodes up to approx. 40 mW
- Beam shape 8 x 4 mm after 1 m
- Beam shape 10 x 5 mm after 20 m

## ELECTRICAL CONNECTIONS



Note  
+ is at the housing

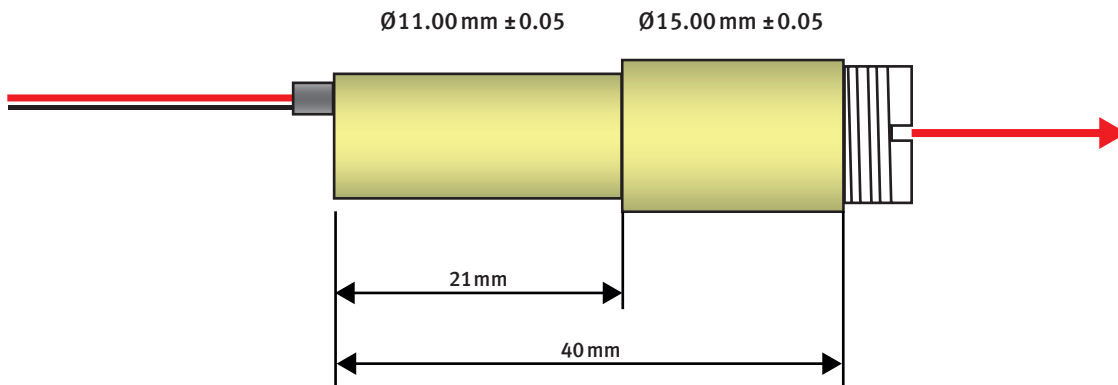
Plus = red cable  
Minus = black cable

Operating voltage: 4 to 6 VDC (use regulated supply 5 Volts)

Power consumption: (subject to voltage) approx. <80 mA

Polarity protection: yes

## DIMENSIONS



## TECHNICAL DATA

Laser diode module	Product number	Wavelength [nm]	Output power [mW]	Laser class
LDA3010-F12	0003-05-92-01	670	1	2 <sup>1)</sup>
LDA3010-F12	0003-06-92-01	670	3.5	3R
LDA3012-F12	0003-15-92-01	650	1	2 <sup>1)</sup>
LDA3012-F12	0003-16-92-01	650	3.5	3R
LDA3015-F12	0003-25-92-01	670	5	3B
LDA3035-F12	0003-27-92-01	635	2.5	3R
LDA3040-F12	0003-30-92-01	680	12	3B
LDA3050-F12	0003-35-92-01	690	18	3B

<sup>1)</sup> The output power will be set at <1mW to be declared a laser class 2 product!