Innolume GmbH
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LDD-14pin-2A-SFF

All-in-one Laser Diode Driver

Compact unit for driving/controlling Laser Diodes, SLDs and SOAs:

- Self-contained enclosure combining and incorporating:
  - Device current driver (2A)
  - Device TEC driver (4A)
  - 14-pin butterfly device mount
  - Control firmware
- No laser-controller and/or TEC cables required
- USB interface and control application
- Exceptional convenience, design and engineering
- Compact Size 85mm x 100mm x 31mm

Specification	DATE: 10 February 2023

User configurable via Software Control Application (GUI)

SPECIFICATIONS				
Parameters	**Min.**	**Typ.**	**Max.**	**Units**
INPUT				
Voltage	4.8	5	5.2	Vdc
Current	-	-	3.0	A
OUTPUT				
Current	-	-	2000	mA
Current Regulation Step	-	0.01	-	mA
Current Ripple	-	-	0.1	%
Current Stability	-	-	0.1	%
Current Set Accuracy	-	-	1	%
Compliance Voltage	1	-	3	V
TEC Current	-4	-	4	A
TEC Voltage	1		4	V
TEC Temperature Set	5	25	50	ºC
TEC Temperature Step	-	0.01	-	ºC
TEC Temperature Accuracy	-	-	0.1	%
TEMPERATURE				
Operating	10	-	50	ºC
Storage	-20	-	70	ºC
Humidity, Non-Condensing	-	-	95	%
CONNECTIONS				
Power	2-pin terminal block (282834-2 TE connectivity)			
Interface connectors	USB: Mini-USB, Type B (1734035-1 TE connectivity)			
	CAN, RS232, UART (282834-8 TE connectivity)			

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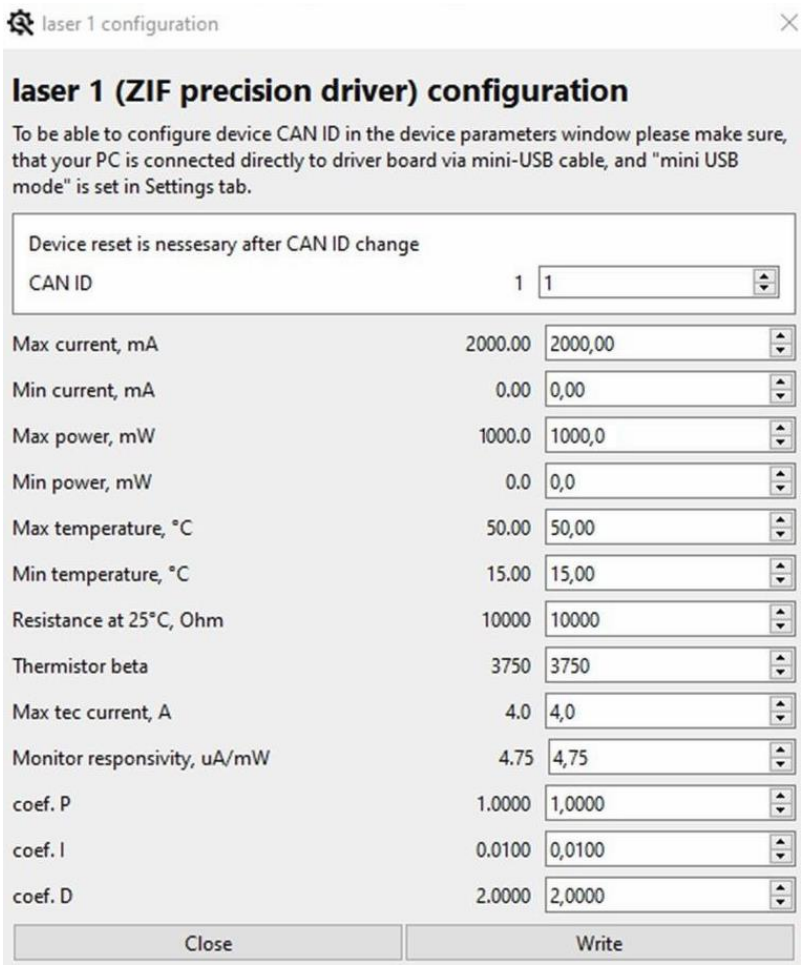
LDD configuration (for reference only)



NOTE: Innolume product specifications are subject to change without notice.