

# EU-38-TTL



### **TECHNICAL DATA**

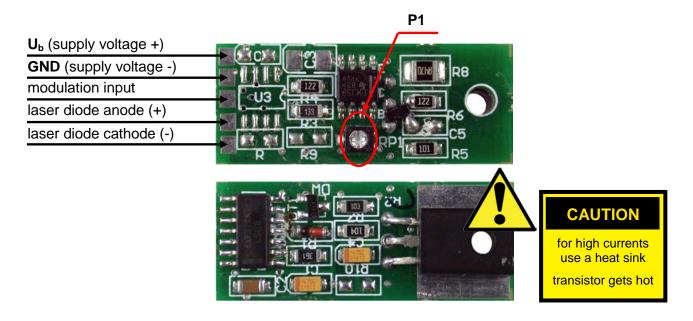
## **Laser Diode Driver**

#### Features

- constant laser diode current adjustable with potentiometer
- modulation input
- laser diode output power independent from supply voltage

### Specification

- dimension: 35 x 15 mm<sup>2</sup> (+/- 0.5 mm)
- supply voltage: 4.0 5.0 VDC
- max laser diode current: 1 A
- modulation frequency: DC .. 100 kHz, analog and digital voltage input
- modulation input voltage:
  - 0 V = laser off,  $U_B = \text{laser on}$ , any voltage between 0 and  $U_B$  possible (>2 V = high)



P1: trim pot for laser diode current adjustment

- → turn left = laser diode current increase
- → turn right = laser diode current decrease

Note: P1 is a trim pot which can be turned clockwise and counterclockwise slowly to the end points. The trim pot can be damaged, if you keep on turining it at the end point!