

PL-TEC BOB

Experimental Board for PL-TEC 1-0305

Rev. 1905



- Compatible with PL-TEC 1-0305
- Parameters adjustable with on-board potentiometer
- Connectors for monitoring temperature and current
- Over- and undertemperature LEDs
- Shutdown function

Product Description

The PL-TEC BOB provides an easy access to all control signals of the PL-TEC temperature controller. It is designed for experimental use of the PL-TEC controller.

With four potentiometers the maximum positive and negative TEC current, the maximum TEC voltage and NTC temperature are adjustable. To connect the TEC and the NTC two screw terminals are provided.

The pinheads can be used to monitor the temperature and the current. Two LEDs indicate an over- and an undertemperature.

A further pinhead is intended to connect a shutdown signal.

The BOB must be connected to a 5 V power supply to supply the BOB and the PL-TEC with power.

Technical Data*

Supply voltage	+5 V, 3 A DC
Shutdown input	0 .. 5 V TTL **
Current monitor	0 .. 3 V **
Temperature monitor	0 .. 3 V **
Dimensions in mm	45 x 67 x 17
Weight	22 g
Operating temperature	-20 to +55 °C

* Technical data is subject to change without further notice.
 ** See manual of PL-TEC 1-0305 for details.

Compatible Products: PL-TEC 1-0305