

## PRODUCT DATA SHEET

Standing: 2023-02-21

LAUDA Proline PBD C

Bridge thermostat 230 V; 50/60 Hz

Part Number: L001545

### Features

- Bridge thermostatic circulator with microprocessor technology and many functions for programming and information for extra deep baths
- Back-lit graphic LCD display with high resolution and different display modes
- Additional green LED display for temperature
- Input either via cursor keys, numeric soft keys or both. Additional Tmax key for overtemperature
- Command console can be detached and used as remote control
- EasyUse system for simple operation of the whole unit
- SelfCheck Assistant for system diagnosis
- Fully electronic continuous controller with PID action for internal & external control
- PowerAdapt system for the use of the maximum possible amount of heat permitted by the power supply system
- Low-level and adjustable over-temperature protection with acoustic alarm for use with flammable and non-flammable liquids
- LAUDA Varioflex pump (pressure) with 8 selectable levels
- Optically decoupled RS 232/485 interface integrated as a standard
- Option for upgrading with up to 2 interfaces (RS 232/485, Profibus, analogue or contact modules, Ethernet-USB module)
- Programmer with 150 temperature/time segments that can be separated into 5 programs
- Timer function for switching on the thermostat, entering the standby mode or running of programs
- Pump connectors on the side and in the back, installed bypass
- Telescopic rods for bath widths up to 550 mm



Reserve technical changes



Working temperature min.  
30 °C



Working temperature max.  
300 °C

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WEEE-Reg.-Nr.: DE 66 42 40 57

Kommanditgesellschaft: Sitz Lauda-Königshofen  
Registergericht Mannheim • HRA 560069

Persönlich haftende Gesellschafterin:  
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Geschäftsführer:  
Dr. Gunther Wobser (Vors.), Dr. Mario Englert,  
Dr. Ralf Hermann, Dr. Marc Stricker  
Beirat: Dr. Gerhard Wobser

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## Technical Features (according to DIN 12876)

Working temperature range	30 ... 300 °C
Working temperature range with external cooling	20 ... 300 °C
Operating temperature range	-30 ... 300 °C
Ambient temperature range	5 ... 40 °C
Temperature stability	0.01 ± K
Heater power max.	3.6 kW
Current max.	16 A
Power consumption max.	3.7 kW
Pump flow rate max. (pressure)	32 L/min
Overall dimensions (WxDxH)	320 x 185 x 576 mm
Weight	8 kg
Power supply	230 V; 50/60 Hz
Power plug	Power cord with angled plug (CEE7/7)

## Standard accessories

- 4 screw caps, 4 closing plugs
- 2 nipples 13 mm for pump connectors

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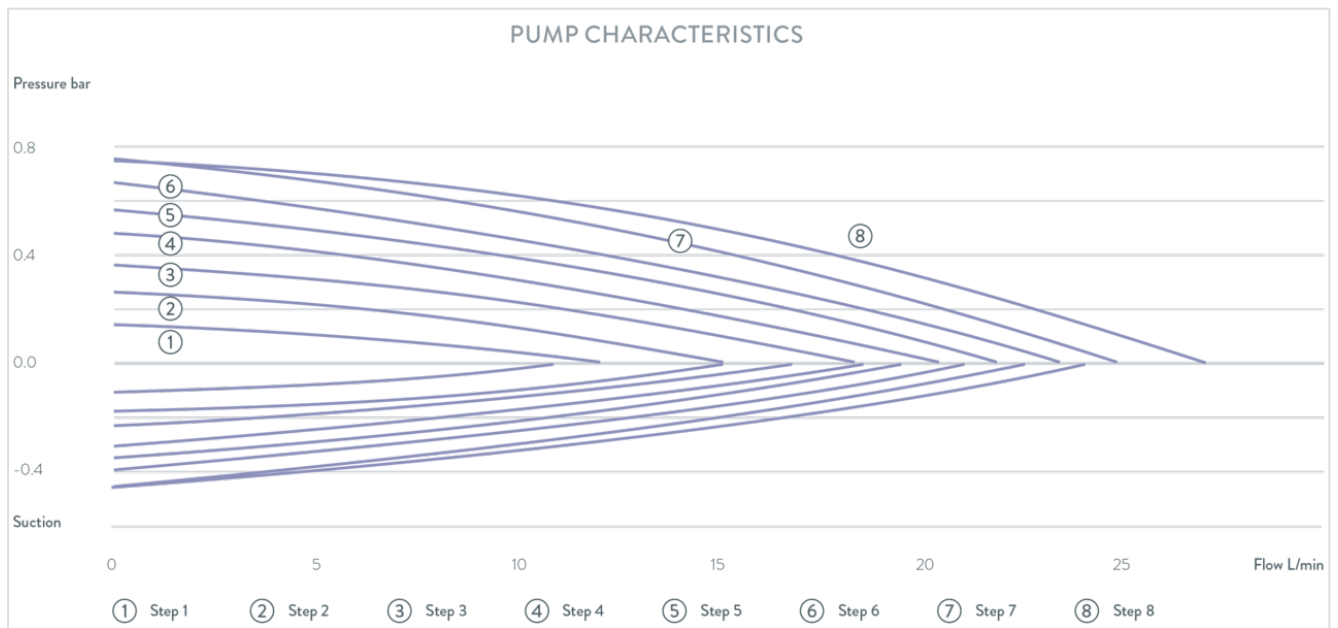
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