

PRODUCT DATA SHEET

Standing: 2024-11-04

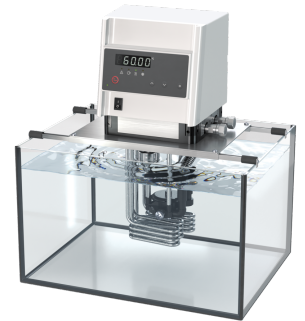
LAUDA Proline PBD

Bridge thermostat 230 V; 50/60 Hz

Part Number: L001544

Features

- Bridge thermostatic circulator with latest microprocessor technology
- Easily readable green LED display for temperature
- User-friendly menu guidance with simplest 3-key operation
- 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
- Option for upgrading with up to 2 interfaces (RS 232/485, Profibus, analogue or contact modules, Ethernet-USB module)
- Pump connectors on the side and in the back, installed bypass
- Telescopic rods for bath widths up to 550 mm



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
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LAUDA DR. R. WOBSEY Verwaltungs-GmbH
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Registergericht Mannheim • HRB 560226

Geschäftsführer:
Dr. Gunther Wobser (Vors.), Dr. Mario Englert,
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 Pressure max.	1,1 bar
Pump flow rate max. (pressure)	32 L/min
Overall dimensions (WxDxH)	320 x 185 x 400 mm
Weight	8 kg
Power supply	230 V; 50/60 Hz
Power plug	Power cord with angled plug (CEE7/7)

Reserve technical changes

Standard accessories

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

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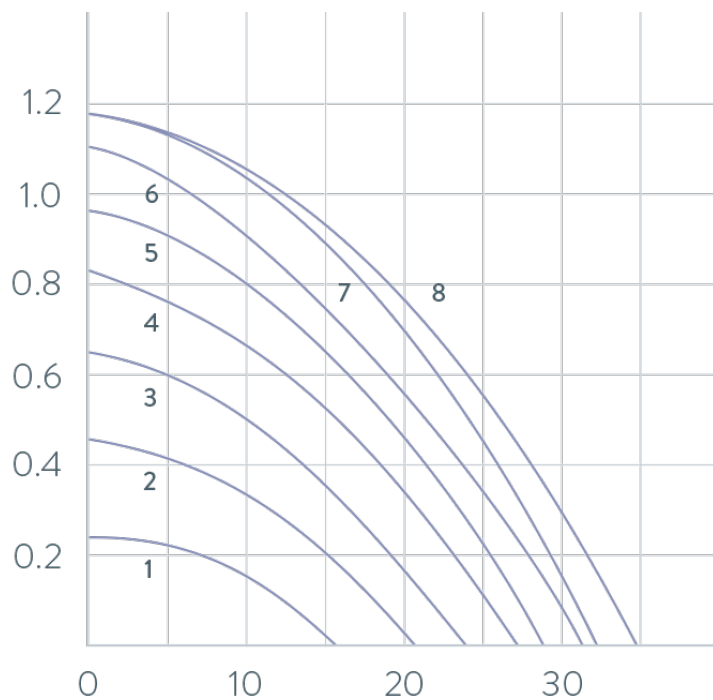
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PUMP CHARACTERISTICS for PBD and PBD C, Heat transfer liquid: Water

Pressure bar



- 1 Step 1
- 2 Step 2
- 3 Step 3
- 4 Step 4
- 5 Step 5
- 6 Step 6
- 7 Step 7
- 8 Step 8

Reserve technical changes

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