

## PRODUCT DATA SHEET

Standing: 2024-11-04

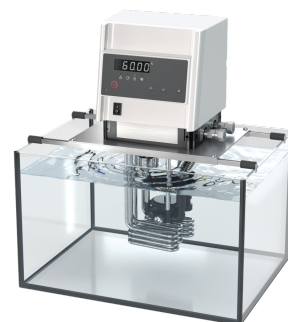
LAUDA Proline PB

Bridge thermostat 115 V; 60 Hz

Part Number: L001580

### 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/suction) 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



Reserve technical changes



Working temperature min.  
30 °C



Working temperature max.  
300 °C

LAUDA DR. R. WOBSEY GMBH & CO. KG  
Laudaplatz 1 • 97922 Lauda-Königshofen • DE

T + 49 (0) 9343 503-0  
info@lauda.de • www.lauda.de  
WEEE-Reg.-Nr.: DE 66 42 40 57

Kommanditgesellschaft: Sitz Lauda-Königshofen  
Registergericht Mannheim • HRA 560069

Persönlich haftende Gesellschafterin:  
LAUDA DR. R. WOBSEY Verwaltungs-GmbH  
Sitz Lauda-Königshofen  
Registergericht Mannheim • HRB 560226

Geschäftsführer:  
Dr. Gunther Wobser (Vors.), Dr. Mario Englert,  
Dr. Marc Stricker  
Beirat: Dr. Gerhard Wobser

# PRODUCT DATA SHEET

Standing: 2024-11-04

LAUDA Proline PB

Bridge thermostat 115 V; 60 Hz

Part Number: L001580

## 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.                               | 1.7 kW                            |
| Current max.                                    | 16 A                              |
| Power consumption max.                          | 1.9 kW                            |
| Pump Pressure max.                              | 0,7 bar                           |
| Pump suction max.                               | 0,4 bar                           |
| Pump flow rate max. (pressure)                  | 25 L/min                          |
| Pump Flow rate max. (suction)                   | 23 L/min                          |
| Overall dimensions (WxDxH)                      | 320 x 185 x 400 mm                |
| Power supply                                    | 115 V; 60 Hz                      |
| Power plug                                      | Power cord with plug (NEMA 5-20P) |

Reserve technical changes

## Standard accessories

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

LAUDA DR. R. WOBSEY GMBH & CO. KG  
Laudaplatz 1 • 97922 Lauda-Königshofen • DE

T + 49 (0) 9343 503-0  
info@lauda.de • www.lauda.de  
WEEE-Reg-Nr.: DE 66 42 40 57

Kommanditgesellschaft: Sitz Lauda-Königshofen  
Registergericht Mannheim • HRA 560069

Persönlich haftende Gesellschafterin:  
LAUDA DR. R. WOBSEY Verwaltungs-GmbH  
Sitz Lauda-Königshofen  
Registergericht Mannheim • HRB 560226

Geschäftsführer:  
Dr. Gunther Wobser (Vors.), Dr. Mario Englert,  
Dr. Marc Stricker  
Beirat: Dr. Gerhard Wobser

## PRODUCT DATA SHEET

Standing: 2024-11-04

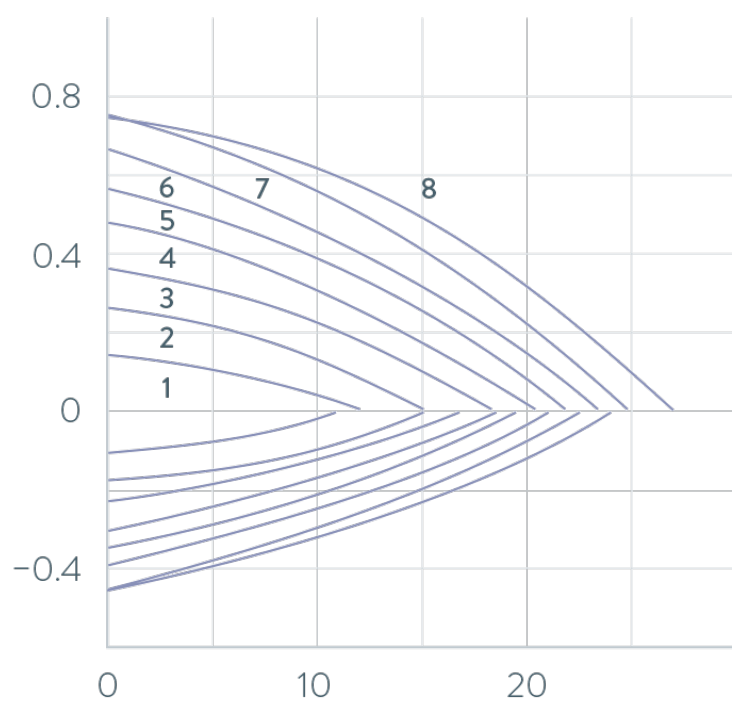
LAUDA Proline PB

Bridge thermostat 115 V; 60 Hz

Part Number: L001580

### PUMP CHARACTERISTIC for PB and PBC, 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

Suction

Flow rate L/min

LAUDA DR. R. WOBSEY GMBH & CO. KG  
Laudaplatz 1 • 97922 Lauda-Königshofen • DE

T + 49 (0) 9343 503-0  
info@lauda.de • www.lauda.de  
WEEE-Reg-Nr.: DE 66 42 40 57

Kommanditgesellschaft: Sitz Lauda-Königshofen  
Registergericht Mannheim • HRA 560069

Persönlich haftende Gesellschafterin:  
LAUDA DR. R. WOBSEY Verwaltungs-GmbH  
Sitz Lauda-Königshofen  
Registergericht Mannheim • HRB 560226

Geschäftsführer:  
Dr. Gunther Wobser (Vors.), Dr. Mario Englert,  
Dr. Marc Stricker  
Beirat: Dr. Gerhard Wobser