

Архангельск (8182)63-90-72
Астана (7172)727-132
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06

Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81

Киргизия (996)312-96-26-47

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16

Россия (495)268-04-70

Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13

Казахстан (772)734-952-31

Сургут (3462)77-98-35
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93

www.lauda.nt-rt.ru | | aud@nt-rt.ru

Технические характеристики на циркуляционные термостаты Integral IN 2560 PW компании LAUDA

PRODUCT DATA SHEET

LAUDA Integral IN 2560 PW Process thermostat
 400 V; 3/PE; 50 Hz & 460 V; 3/PE; 60 Hz
 Part Number: L003308

Features

- Process thermostat for pressurised operation with integrated cooling system for dynamic temperature control within external circuits
- For use with non-flammable liquids
- Coloured TFT display for simultaneous indication of actual & set values and graphic illustration of the temperature profile
- Clear text menu navigation, six selectable languages DE, EN, FR, ES, IT, RU
- Management of heat transfer liquids with stored properties
- Easy input via cursor and soft keys. Additional Tmax key for overtemperature protection
- SelfCheck Assistant for system diagnosis
- Fully electronic continuous controller with PID action for internal & external control
- Self adapt function for determination of control parameters
- 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
- Powerful LAUDA Variopump (pressure pump) with 5 selectable output levels or control of outflow pressure
- USB and Ethernet interface equipped as standard
- Port for external Pt100 integrated, second external Pt100 feasible via interface module
- Remote fault indication through floating contact
- Option for upgrading up to 2 additional interfaces (RS 232/485, Profibus, analogue, contact or EtherCAT module)
- Integrated and adjustable bypass
- Programmer with 150 temperature/time segments that can be separated into 5 programs
- Digital display of pump pressure
- Very small internal volume and big non-thermostated expansion vessel (cold fluid layer system)
- Filling by using compressed air or a drum pump



PRODUCT DATA SHEET

LAUDA Integral IN 2560 PW Process thermostat
400 V; 3/PE; 50 Hz & 460 V; 3/PE; 60 Hz
Part Number: L003308

Features

- Integrated web server for browser based operation in local area networks via PC, tablet or smart phone, secure data transfer due to authentication procedure and encryption
- SmartCool system for energy-saving digital cooling management including compressor on-off control
- Condenser cooling Water
- Utilises traditional refrigerants (HFCs) in accordance with European legislation to control F-gases (EU) 517/2014



Working temperature min.
-40 °C



Working temperature max.
140 °C

PRODUCT DATA SHEET

LAUDA Integral IN 2560 PW Process thermostat

400 V; 3/PE; 50 Hz & 460 V; 3/PE; 60 Hz

Part Number: L003308

Technical Features

Working temperature range	-40 ... 140 °C
Pressurised blanket max.	4 bar
Ambient temperature range	5 ... 40 °C
Temperature stability	0.1 ± K
Heater power max.	24 kW
Power consumption max.	37 kW
Current max.	60 A
Pump Pressure max.	6.0 bar
Pump flow rate max. (pressure)	100 L/min
In / Outlet connection thread (outside)	M38 x 1,5
Inlet/outlet hose size	1"
Filling volume min.	12.1 L
Filling volume max.	48.1 L
Water cooling connection thread (outside)	3/4 "
Recommended cooling water temperature	15 °C
Cooling water flow rate	29 L/min
Recommended pressure difference cooling water	3 bar
Pressure difference cooling water min.	0.8 bar
Max. pressure difference cooling water	10 bar
Maximal pressure cooling water	10 bar
Overall dimensions (WxDxH)	1100 x 895 x 1865 mm
Weight	647 kg
Noise level	74 dB(A)
Refrigerant stage 1	R-449A (GWP 1397); 4.000 kg; 5.6 t CO ₂ -eq
Power supply	400 V; 3/PE; 50 Hz & 460 V; 3/PE; 60 Hz

PRODUCT DATA SHEET

LAUDA Integral IN 2560 PW Process thermostat
 400 V; 3/PE; 50 Hz & 460 V; 3/PE; 60 Hz
 Part Number: L003308

Technical Features

Power plug

electric connection box without power cord, without plug

Temperature	Pump stage	Heat transfer liquid	Cooling Capacity 50 Hz	Cooling Capacity 60 Hz
140 °C	8	Waterglycol	25 kW	28 kW
100 °C	8	Waterglycol	25 kW	28 kW
20 °C	8	Waterglycol	25 kW	28 kW
10 °C	8	Waterglycol	25 kW	28 kW
0 °C	8	Waterglycol	24.5 kW	27.5 kW
-10 °C	8	Waterglycol	24 kW	27 kW
-20 °C	8	Waterglycol	17.7 kW	19 kW
-30 °C	8	Waterglycol	11 kW	12 kW
-40 °C	8	Waterglycol	7.5 kW	7.7 kW

Standard accessories

- 2 nipples 1/2" with screw cap G3/4 for cooling water

Архангельск (8182)63-90-72
Астана (7172)727-132
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06

Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81

Киргизия (996)312-96-26-47

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16

Россия (495)268-04-70

Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13

Казахстан (772)734-952-31

Сургут (3462)77-98-35
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93

www.lauda.nt-rt.ru | aud@nt-rt.ru