



## LUR 4000

### Laboratory-Controller- and monitoring system

for controlling  
of  
temperature,

as well as

for monitoring  
of  
temperature, cooling water and  
cooling water temperature

The laboratory monitoring system LUR 4000 is manufactured for monitoring laboratory installations, also for unmanned operations at night. Therefore we set a high value on clearness and simple handling. Malfunctions effect following:

In case of temperature overstepping

overstepping of  
cooling water flow

overstepping of  
cooling water temperature

Heating power shut down permanently

dito

dito

If one of these malfunctions occurs, the red glowlamp "Störung" lights up.

#### Technical Datas:

Dimensions: Alu-housing B125xH215xT135 mm, Weight ca. 2 kg

Breaking capacity: 16A/230V, for consumer load

Temperature: -150,0+450,0°C Pt 100 (also thermocouples possible) LED indication 10 mm

LUR 4000

Art. No.: 43900150





#### Serially equipement:

1 pce. resistance-termometer 2xPt 100 200x8 mm VA Art. No.: 382 00 101




1 pce cooling water sensor with integrated sensor Art. No.: 432 02 005

outputs in the device: sockets for consumer loads, connectors for measurement sensors

The following indicators and built-in controller are installed:

For indication and adjusting the control-temperature:	
For controlling of temperaturelimit:	From top position: 
For indication of minimum flow quantity:	
For indication of cooling temperaturelimit:	

The following sockets are integrated:

a)	For folw temperature sensor Via 2-pole Lemosasocket	
b)	For cooling water temperature via 4-pole Lemosasocket	
c)	For resistance thermometer 2x Pt 100 for controlling and securitytemperature via 7-pole Tuchelsocket	
d)	Heating via grounding receptacle max. 16A/230V	