



## Cooling water relay

# LKR 3000

for monitoring the cooling water circuit

The device is used for monitoring cooling water circuits. It was set a high value on a simple handling. Because of the high braking capacity also thermostats and cryostats are connectable. A reliable water flow sensor was chosen.

The consumer load is connectable by a 230V socket up to 16A capacity. For a magnetic valve a special socket was chosen (plug is included) to avoid confusion in any case.

The built-in digital indication reports the flow in l/h. Switching to setpoint by pushing the "P" button. The designated value is adjustable by the "△" and "▽" button. An adjustment under 10 l/h is not possible, just as more than 250 l/h.

In understepping the setpoint the device shuts down the consumer load in all poles, at the same time the water stop valve is closed. The alarm starts and the red glow lamp as like as the LED K1 lights up.

The LKR 3000 is locked against resetting until the minimum flow frequency is overstepped and the red unlock key is pushed. In case of power breakdown the device also fades to alarm status.

### Technical datas:

Plastic housing 160 x 82 x 130 mm

LED indication 10 mm high, green

Adjustment min 10 l/h up to max 250 l/h

Breaking capacity 16A/230V for consumer load, 1A/230V for magnetiv valve