

# LK Thermostat Valve Kit Mini (NC)

## MODELS

LK Thermostat Valve Kit is used for the individual control of respective floor heating circuit on the LK Mini Manifold. The assembly kit includes a LK Thermostat Valve Mini 1/2, a LK Actuator 24V NC, a Nipple connection 1/2 for the Mini Manifold 12 or 16, as well as a pipe connection coupling 12 or 16.

## ASSEMBLY

A LK Thermostat Valve Kit is assembled on the inflow of the Mini Manifold. The valves must be turned outwards towards the sides somewhat, in order to leave space for the actuator, according to the image below.

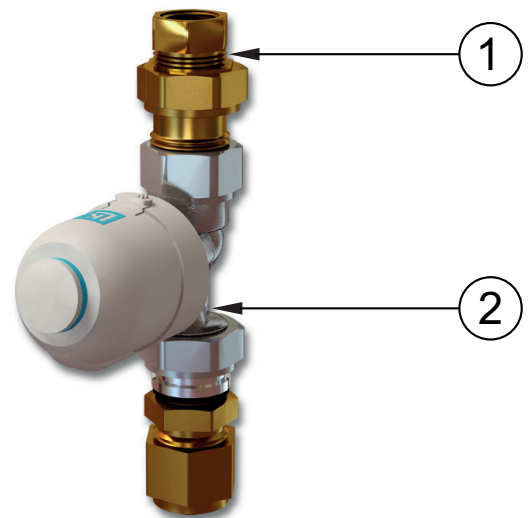
When working in LK's cabinet for LK Minishunt M60, fitting is facilitated if installation is carried out in the following order:

- Install the nipple (1) onto the mini manifold.
- Next install the valve unit (2) onto the floor heating pipe. Then connect the valve unit to the nipple installed on the mini manifold.



## COUPLING

The actuator is controlled via a LK Room Thermostat of wired or wireless design. Wiring must always be performed with the help of a LK Connection Box or a LK Receiver Unit.



Check that the Mini shunt pump is connected via the pump relay of the Connection Box/Receiver Unit. A pump relay starts/stops the circulation pump depending on the heat requirements. This is to ensure that the pump does not work against closed valves, which may otherwise cause overheating of the pump.

If LK Minishunt M60 is fitted with automatic speed-controlled pump, the pump does not need to be connected to the pump relay of the connection box/receiver unit. With an automatic speed-controlled circulation pump the speed is automatically regulated when the actuators closes or opens.

**Note!** If accessory LK Heater (electric comfort heater) is connected, then at least one circuit must be unregulated to ensure flow and cooling of the heater cartridge.

## TECHNICAL DATA

Article no. 241 73 76	LK Thermostat Valve Kit Mini (NC) dim 12
Article no. 241 73 37	LK Thermostat Valve Kit Mini (NC) dim 16
LK Actuator	24 V AC, 2W, NC, IP 54
LK Thermostat valve Mini 1/2"	Kvs 1,2
Pipe connection Kit Mini 1/2"-12	12x2
Pipe connection Kit Mini 1/2"-16	16x2/ 16x2,2
Construction length	155 mm