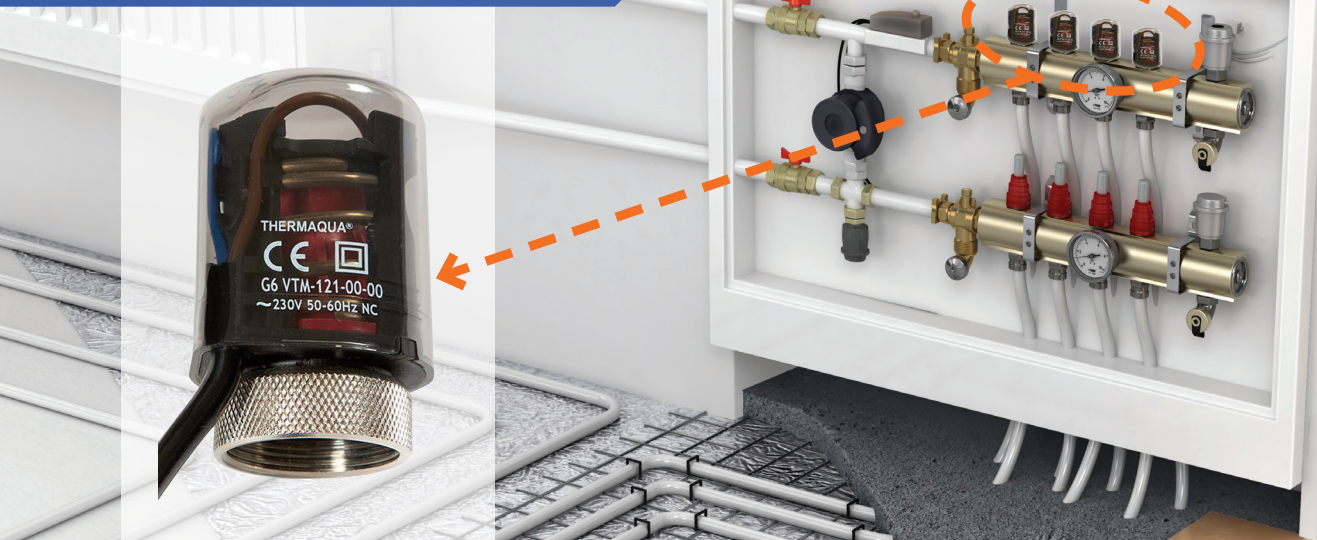


UNIQUE, RELIABLE  
& ENERGY-SAVING



## TECHNOLOGY & FEATURES

The **THERMAQUA® Actuators** are unique and reliable with many original & advantageous features:

**/ Energy saving**

Low power consumption (< 1w)

**/ Wide variety**

Normally Closed (NC) & Normally Opened (NO) versions available

**/ Originality**

Includes a special Vernet® thermostatic element

**/ Easy to assemble**

With the 'First-Open' function

**/ Silent operation**

Feature of thermo-electric actuators

**/ Operating position**

Visual indicator confirms position

**/ Long service life**

Manufactured precision and quality control

**/ Tailored design**

Valve adjustment to customer specifications

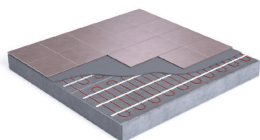
**/ Variable voltage**

230/240V or 24V availability

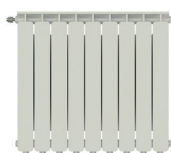
**/ Protection**

According to EN60529 (for both IP40 and IP44)

## APPLICATIONS



Underfloor, Wall and Ceiling Heating / Cooling Systems



Radiators



Valve Controls

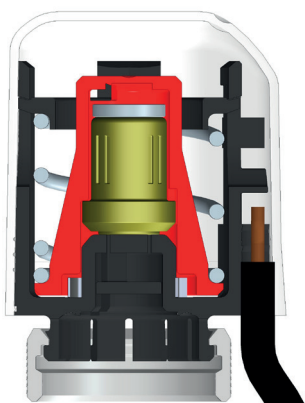
**QUALITY  
& CERTIFICATIONS**

**ISO 9001 : 2008**

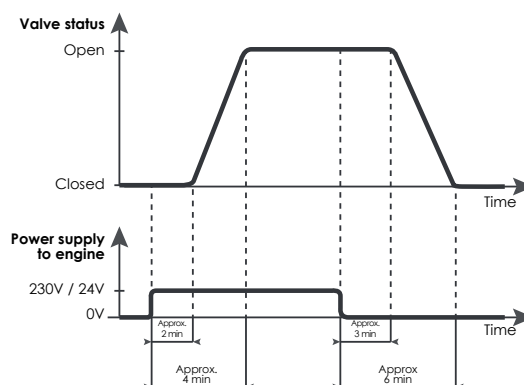
**VDE ready**

## PRINCIPLES OF OPERATION

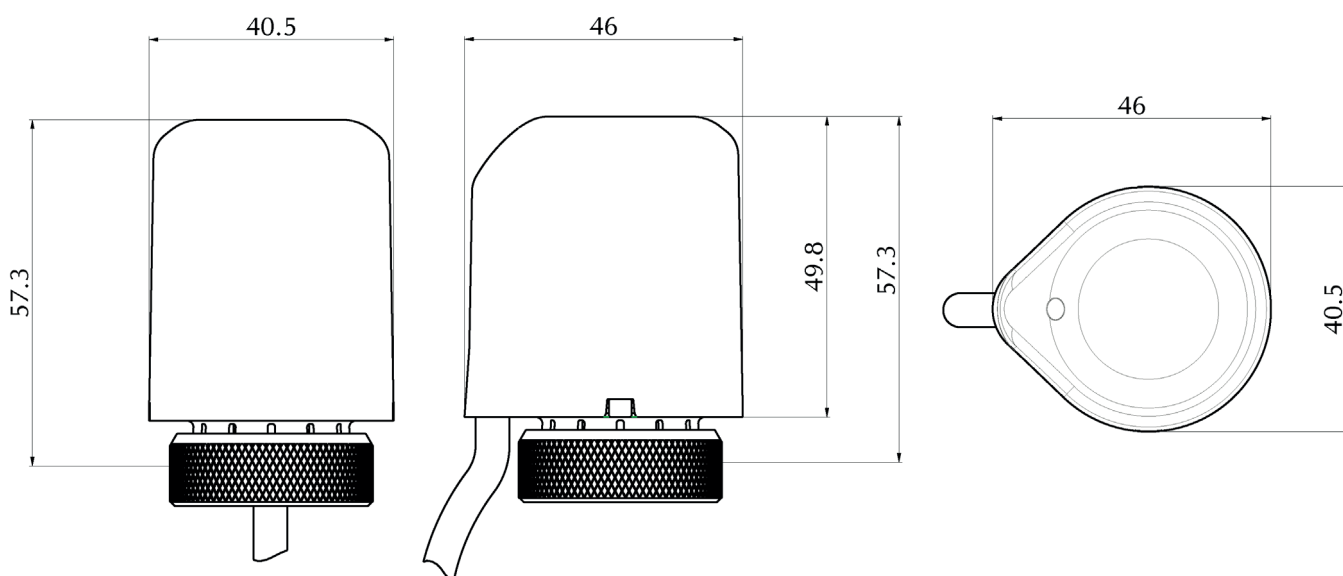
**Designed** for normally closed & normally opened control valves, THERMAQUA® actuators perform various control and regulation tasks as a two-step actuator (open/close). The wax element is heated electrically by the applied operating voltage and silently opens the valve.



**Without** any operating voltage the wax element is no longer heated and the actuator closes (see time-stroke diagram). THERMAQUA® actuators also allow for instant functionality checks of the device.



## DIMENSIONS (in mm)



Technical drawings are available on request