

## JUMO miroTRON

Electronic thermostat with optional  
PID two-state controller function



### The features at a glance

- Flexible application for simple temperature controls
- Clear text-supported operation, parameterization, configuration in 4 device languages
- Visualization of process information via message texts
- Convenient quick configuration via USB interface
- Retrofit of mechanical dial thermometers and contact dial thermometers possible



## Brief overview

The JUMO miroTRON – as a digital electronic thermostat with optional PID two-state controller function – is suitable for flexible use in applications with simple temperature control. This device has measurement inputs for RTD temperature probes, thermocouples, or standard signals. It offers an alternative solution for mechanical dial thermometers or contact dial thermometer, especially in the round installation format (60 mm and 80 mm).

## Other advantages

- ▶ Intuitive startup and operation
- ▶ High degree of control quality due to optional PID autotuning
- ▶ Integrated timer function, service and operating hours counter
- ▶ Cost-effective solution for simple control applications
- ▶ Available in round and square housing design

## Technical data

<b>Product name</b>	JUMO miroTRON
<b>Type</b>	701080, 701081, 701090, 701091
<b>Measurement inputs</b>	RTD temperature probes, thermocouples, or standard signals
<b>Outputs</b>	Up to 4 relays
<b>Voltage supply</b>	AC 230 V, +10/-15 %, 48 to 63 Hz, AC 115 V, +10/-15 %, 48 to 63 Hz DC 12 to 24 V +15/-15 %
<b>Formats</b>	701080: (76 × 36 × 62) mm 701081: (76 × 36 × 72) mm 701090: (Ø 60 × 80) mm 701091: (Ø 80 × 80) mm
<b>Approvals</b>	UL