

## DATA SHEET SMART THERMOSTAT

(701721)

For its smart home products POPP trusts Z-Wave and Zigbee technology. These are the international leading standards for wireless communication between intelligent devices in homes and offices and thereby the basis for successful home automation.

### Specifications:

- Zigbee 3.0
- Fits RA, M30, RAV, RAVL (adapter included) and RTD, M28, Caleffi, Giacomini (adapter not included)
- Temperature setting range: 5- 35°C
- Energy Savings
- Open Window Detection
- PID precise temperature control
- Up to 2 years battery lifetime



Article Dimensions (WxHxL):	55 x 55 x 75 mm
Package Dimensions (WxHxL):	82 x 61 x 91 mm
Article net weight:	0.134 Kg
Article gross weight:	0.347 Kg
EAN:	4251295701721

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Device Type:	Thermostat
Transmission protocol:	Zigbee 3.0
Transmission frequency:	2,4 GHz / <40mW
Repeater:	no
Beaming:	no
Firmware Version:	1.08
Transmission range:	20-30m (indoor)
Certification-ID:	ZIG21051ZB330911-24
Power consumption:	3 mW in standby, 1,2 W when active
Battery type:	2 x 1,5 V AA batteries
Battery life:	up to 2 years
IP Class:	IP20
Actuator:	electromechanical
Display:	LCD with backlight
Operating temperature:	+0°C to 40°C
Humidity:	10 to 80 %
Storage temperature:	-20°C to 65°C
Temperature setting:	5 to 35°C

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Max. Volume level:	< 30 dBA
Maximum water temperature:	90°C
Spindelbewegung:	Linear, up to 4.5 mm, max. 2 mm at the valve
Spindle movement:	2-3 mm on valve
Required valve dimensions:	30 x 1,5
Speed of adjustment:	1 mm/s
Open window detection:	Activated at temperature decrease or by Zig- bee command
Accuracy of the clock:	+/- 10 min/year
Control:	PID (Proportional, Integral und Differential)