

DATA SHEET THERMOSTATIC

RADIATOR VALVE (010101)

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



Specifications:

- Thermostat for water-based radiators
- Integrated temperature sensor
- Local control buttons
- LCD display (set temperature)
- For valves with standard M30x1.5 connector (30x1,5) or RA2000 (Danfoss snap in)
- Low-noise motor
- Child protection

Article Dimensions (WxHxL):	51 x 51 x 79 mm
Package Dimensions (WxHxL):	82 x 61 x 91 mm
Article net weight:	0.110 Kg
Article gross weight:	0.229 Kg
EAN:	0019962010101



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Device Type:	Thermostat (Sleeping slave)
Transmission protocol:	Z-Wave
Transmission frequency:	868.4 or 869.8 MHz EU
Z-Wave Plus:	no
SmartStart:	no
Security:	no
Repeater:	no
Beaming:	no
Firmware Version:	1.00
Z-Wave Version:	4.55.00
Transmission range:	up to 20m
Certification-ID:	ZC08-15090002
Z-Wave Product-ID:	0x0002.0x0005.0x0175
Battery type:	2x LR6 AA
Battery life:	up to 2 years
IP Class:	IP20
Operating temperature:	+0°C to 40°C
Humidity:	10 to 80%
Storage temperature:	-20°C to 65°C

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Temperature setting:	4 bis 28°C
Mechanical strength:	70N (max. force from valve)
Maximum water temperature:	90°C
Power consumption	3 mW in standby, 1,2W when active
Spindle movement:	2-3 mm on valve
Maximum extension	4,5 mm
Temperature sampling	Measures temperature every minute
Required valve dimensions:	30 x 1,5
Speed of adjustment:	1 mm/s