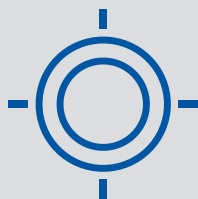# OPUS actuator for radiators

PRODUCT DESCRIPTION

The OPUS actuator is the smart alternative for analogue heating valves and can be retrofitted quickly and easily - without dust, dirt and grime. The actuator is extremely efficient, quiet and completely energy self-sufficient. No batteries or cables are required for operation.

Clever heating for more environmental protection and lower costs
The networkable OPUS actuator regulates the heat supply to the radiator by opening/closing the heating valve. In conjunction with an OPUS 55 SENS temperature/humidity sensor and the OPUS Smart Home Gateway, the OPUS actuator supports precise temperature regulation all year round, for example by defining individual heating schedules or automatically stopping the heating process if a sudden drop in temperature is detected. The TARGET values are set directly via software, e.g. Apple HomeKit and Amazon Alexa, but can also be set directly on the actuator.
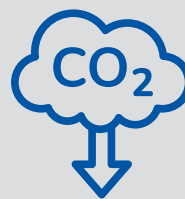
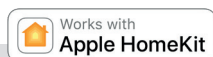| Simply replace: Analogue versus digital	Battery-free, no maintenance required	Save money	Saving heating energy and CO_2	Protect the environment

PRODUCT DESCRIPTION

- Networkable, wireless and battery-free radiator actuator via EnOcean
- Precise, automated temperature control for individual room control; control of heating zones also possible
- Energy self-sufficient thanks to thermogenerator: Converts temperature differences into electrical energy and makes batteries superfluous
- Compact design, easy to install and ready for immediate use
- Maintenance-free, independent calibration and bi-directional communication with EnOcean controllers
- Suitable room temperature controller, such as OPUS 55 SENS temperature/humidity sensor and OPUS Smart Home Gateway in conjunction with control software, such as Apple HomeKit, Alexa or similar, required for individual room control (available separately)
- With QR code for easy integration into OPUS Smart Home Gateway
- The temperature can be changed locally via the control dial; centralised presettings/automations/heating plans possible via app
- Mounted directly on the heating valve; suitable valve adapter may be required (standard: M30 x 1.5 adapter)

ACCESSORIES

Item no. 563.043.37
OPUS 55 SENS temperature/humidity sensor

Intelligent room temperature sensor for individual room control, wireless and freely positionable, available in different colours and designs.

Works with
Apple HomeKit

WORKS WITH
amazon alexa

Item no. 563.914
OPUS IQ DOT control centre

Enables control and management via mobile devices with various software solutions.

OPUS®

TECHNICAL DATA

Item number	563.060
Power supply	Energy self-sufficient
Temperature range	Operation: 0 to 40 °C, max. 70 % rH, Storage: -10 to +45 °C, max. 70% rH
Flow temperature	75 °C max.
Travel of the plunger	> 5 mm
Working range (0 - 100%)	2.0 mm typical
Step size	Steps of 1 % (positioning movement only from > 3 % change to last position)
Actuating time/actuating speed	0.95 mm/s typical
Force of the plunger (normal operation)	100 N typical
Operating noise (normal operation)	< 30 dB(A)
Frost protection	Valve opens 95% when surroundings < 6 °C
EnOcean radio	Protocol: EEP A5-20-06; frequency: 868 MHz; Range: approx. 30 m in the building
Assembly	Screw fastening on the heating valve
Valve connection	M30 × 1,5 (standard) Others possible with an adapter
Dimensions (L × H × T)	59 × 64 × 59 mm
Weight	260 g

All information is provided without a guarantee or claim to completeness.