

Bidirectional wireless actuator AVD 20-D



- **Wireless control of radiators**
- **Large display, intuitive operation via menus**
- **Increased energy efficiency of the heating system in the building**
- **Exactly the amount of heat required per room via remote control**



Page 119



Page 120



5

Application For setting and controlling the room temperature directly at the radiator and for integration into the building automation system.

Description AVD 20-D replaces the conventional thermostat head. The large display and the beautifully designed wheel ensure intuitive operation directly at the radiator. Bidirectional communication via the standardised EnOcean® wireless technology turns the unit into an intelligent actuator. Integrated functions such as the detection of the flow temperature, detection of both limit positions as well as signalling of the exact valve position provide the decisive data for an optimised heating system. With an AFRISOhome gateway and via the Internet, it is possible to remotely check and, if necessary, adjust the room temperatures via the AFRISOhome app (for example, when coming back from winter vacation). This flexible remote control of the room temperature combines multiple benefits: you can increase living comfort and reduce energy costs. In conjunction with additional AFRISO products with EnOcean® wireless technology, the user can configure a whole range of fully customisable, extensible applications.

Technical specifications

Operating temperature range

Permissible flow temperature: 15/90 °C

Drive

Valve stroke: 5.5 mm
 Stroke resolution: < 4 mm/step
 Adjustment force: Depends on valve, max. 140 N
 Battery service life: Up to 2 years

Supply voltage

3 V (2 x AA lithium batteries)

Housing

Colour: White, similar to RAL 9010
 ø x H: 56 x 77 mm (99 mm incl. connection piece)
 Display: 33 x 27 mm
 Weight: Approx. 250 g (with battery)
 Degree of protection: IP 30 (EN 60529)

Valve connection

M 30 x 1.5 mm

EnOcean® wireless

Frequency: 868.3 MHz
 Transmission power: Max. 10 mW
 Range: 10 to 30 m (depending on room arrangement and materials in the building)

Scope of delivery

- Wireless actuator
- 2 x lithium ion batteries (2 x 1.5 V)

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See operating instructions for detailed information on the range of the EnOcean® wireless module.

DG: L, PG: 4	Part no.	Price €
Wireless actuator AVD 20-D, with display	78966	
Wireless actuator AVD 20-D, with display, set of 3	78967	