

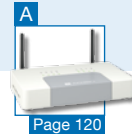
Bidirectional wireless actuator AVD 10



- Wireless control of radiators
- Extremely easy installation with "snap-on" adapter
- Low-noise, energy saving operation
- Versions with and without display



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Application For wireless temperature control in individual rooms. Ideal for heating, ventilation and air conditioning systems. AVD 10 is particularly suitable for use in schools and public buildings in which the temperature may only be adjusted by authorised staff. Adjustments are made exclusively via the AFRISOhome app or via a central operating unit. AVD 10 is also used in areas that are difficult to access. It is advisable to set the reference temperature via the external room temperature sensor FT or the room temperature sensor FTF.

Description Wireless, bidirectional actuator AVD 10 based on EnOcean® wireless, with integrated frost protection function. The snap-on cover and various adapters allow for easy installation on all standard radiator valves. Battery operation, very low consumption.

The wireless actuator controls, for example, the room temperature in a room with radiators. For this purpose, the actual temperature is measured directly at the actuator or with an additional room temperature sensor. The reference temperature can be set, for example, via the AFRISOhome app in combination with an AFRISO gateway. The actual temperature and the reference temperature are compared and necessary change requests are transmitted to the actuator. Additional configurable conditions can be included in the temperature control (for example, temperature reduction if a window is open or in the case of absence). This flexible control of the room temperature combines multiple benefits: you can increase living comfort and reduce energy costs.

The AFRISO gateway in conjunction with additional AFRISO products with EnOcean® wireless technology allows the user to configure a whole range of fully customisable, extensible applications.

Technical specifications

Operating temperature range

Ambient: 0/50 °C
Medium: 0/100 °C

Drive

Valve stroke: Max. 4.5 mm
Adjustment time: 3 s/mm
Adjustment force: Max. 120 N

Supply voltage

3 V (2 x AA batteries)

Housing

Colour: White, similar to RAL 9016
W x H x D: 65 x 65 x 48 mm
Weight: Approx. 250 g
Degree of protection: IP 20 (EN 60529)

Connection

M 30 x 1.5 mm
(adapters for Danfoss RA, RAV and RAVL)

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
- Connection adapter for Danfoss RA, RAV, RAVL
- Without battery

Necessary additional components

- AFRISOhome gateway and/or
- Room temperature sensor FT/FTF
- 2 x AA batteries



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

DG: L, PG: 4	Part no.	Price €
Wireless actuator AVD 10, without display	75000	