

New

Energy savings
of more than
10%



MD15-FTL: The First Wireless Actuator with EnOcean Technology

Advantages at a glance

- No wiring necessary
- Secure wireless communications with EnOcean wireless technology
- Three in one: sensor, controller and actuator
- Suitable for different plant configurations
- Based on the MD15 platform, with all of its strengths and advantages in mechanics and functionality

The MD15 small motor actuator in its MD15-FTL variant is the **world's first motor-driven small actuator that works wirelessly based on EnOcean technology**, and which completely does without wiring.

The MD15-FTL communicates in accordance with the open and neutral EnOcean actuator profile for small motor actuators. It is based on the MD15 platform. The MD15-FTL combines a sensor, controller and actuator in one device. Thus it is suitable for self-sufficient, energy-efficient room temperature control.

Easy installation – without disturbing the building fabric

The MD15-FTL can be installed wherever wiring is not possible or not desired – due to cost reasons or in order to avoid construction work, for example. Installed quickly and easily, the MD15-FTL immediately provides energy-efficient heating and cooling and maximum comfort.

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Technology for Building Automation



MD15-FTL

Low energy consumption

The MD15-FTL draws its energy from powerful long-lasting batteries. Energy-saving technologies and sophisticated mechanics also provide extremely low energy consumption.

Versatile and flexibly applicable

The wireless MD15-FTL small motor actuator is suitable for the widest variety of plant configurations. The spectrum ranges from functioning as a classic actuator to use as a stand-alone room controller with integrated control circuit.

Self-sufficient room controller without integration in automation system

With its integrated transducer and controller the MD15-FTL can also

work without integration in a room automation system. The set point is automatically observed. Core applications include anywhere self-sufficient and cost-effective temperature control is to be implemented with minimal installation effort.

Self-sufficient room controller with EnOcean technology and external control panel

Wherever the user wants room conditions to be individually controlled, the MD15-FTL can work in combination with a wireless partner (e.g. a SolarFunk room device).

The user can individually adjust the set point or submit his own time schedule. This information is transmitted to the MD15-FTL wireless small motor actuator via

the EnOcean wireless standard. An integrated control algorithm provides convenient and precise room control through the easiest operation and configuration.

Integration in room automation

In combination with wirelessly compatible classic controllers, the MD15-FTL takes on the role of an intelligent actuator.

The room controller can communicate with and process the data of all room automation components both wirelessly and via cables. It takes on all of the room automation's control and regulating functions, and ensures that the MD15-FTL small motor actuators are optimally integrated into the overall system.

The combination of the MD15-FTL with wireless-capable room controllers is the solution for buildings with a high level of automation. This system solution enables direct access from the management level to the motor actuator.

The integration of the MD15-FTL in the automation system enables an optimal mode of operation even with dynamic boundary conditions. It provides for high user comfort and high energy efficiency at the same time.

