



## Release Notes



## Belimo Energy Valve™ V4 DN 15...50

Edition 2024/11



# Version overview Belimo Energy Valve™ V4 DN 15...50

## General information

**Valves types:** EV..R2+(K)BAC..  
EV..R3+(K)BAC..

EV..R2+(K)MID..  
EV..R3+(K)MID..

## Interface descriptions

All corresponding release notes are available on the Belimo website under the respective product, Downloads → Software / Apps. [www.belimo.com](http://www.belimo.com)

Device version	Modbus Firmware Version	BACnet Application Software Version	Software Version Assistant App	Model name Webbrowser	Production date	Content
EV 4.2.1	202	EV 4.2.1	V2.2.0	EV4.2.1	>05.07.2024	<p><b>Improvement:</b> Improved behaviour for variant configured Y-Lost functionality and analog forced control.</p> <p>Webserver Overview Page added additional absolut value for Setpoint Flow.</p>
EV 4.2.0	102	04.01.0000	V2.1.6	EV4.2	> 25.04.2024	<p><b>Feature:</b> dP-Control mode functionality</p> <p>New Datapoint for Error State</p> <p>Communication watchdog / Bus fail setpoint functionality</p> <p>Value range extension on Bus interfaces for temperature values from 120°C to 150°C. Important: the maximum permissible fluid temperature remains 120° C.</p> <p>Y-Lost function added, only available if ordered via Variant Configurator</p> <p>Security compliance to GSA , HTTPS access default for web server access</p> <p><b>Bugfix:</b> Extended Modbus Address range from 1...127 to 1...247</p> <p>Fixed behaviour for receive buffer routine between UART (RS-485) and the Modbus stack (improved stability with Modbus RTU communication)</p> <p>Fixed behaviour DHCP server requesting the client identifier from the device.</p>

Device version	Modbus Firmware Version	BACnet Application Software Version	Software Version Assistant App	Model name Webbrowser	Production date	Content
EV 4.1.1	0	04.01.0000	V1.1.6	EV4.1.1	21.02.2023	<p><b>Bugfix:</b> Behaviour where local web server could not be reached if power supply was removed during the very first start-up.</p> <p>Behaviour where non-MID counter value was lost and started from zero if power was interrupted while saving counter data.</p>
EV 4.1.0	0	04.01.0000	V1.1.5	EV4.1	07.06.2022	<p><b>Feature:</b> Parallel operation of M-Bus and BACnet or Modbus implemented. This feature allows thermal energy meters and energy valves to be operated on the M-Bus and in parallel on BACnet or Modbus.</p> <p><b>Bugfix:</b> Behaviour where equal-percentage characteristic curve did not reach <math>V'_{max}</math>.</p> <p>Behaviour where device rebooted when DHCP client was lost.</p> <p>Behaviour where IP settings could get lost.</p> <p>Behaviour where accumulated energy on performance report could have been incorrect.</p>
EV 4.0.0	0	04.01.0000	V1.0.10	EV4	21.10.2021	Released without restrictions.

# All inclusive.

Belimo is the global market leader in the development, production, and sales of field devices for the energy-efficient control of heating, ventilation and air-conditioning systems. The focus of our core business is on damper actuators, control valves, sensors and meters.

Always focusing on customer value, we deliver more than only products. We offer you the complete product range for the regulation and control of HVAC systems from a single source. At the same time, we rely on tested Swiss quality with a five-year warranty. Our worldwide representatives in over 80 countries guarantee short delivery times and comprehensive support through the entire product life. Belimo does indeed include everything.

The “small” Belimo devices have a big impact on comfort, energy efficiency, safety, installation and maintenance.

In short: Small devices, big impact.



5-year warranty



On site around the globe



Complete product range



Tested quality



Short delivery times



Comprehensive support



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