Release Notes

Belimo Energy Valve™ V4 DN 15...50

Edition 2025-04

BELIMO®

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

Device version	Modbus Firmware Version	BACnet Application Software Version	Assistant App Software Version	Model name Webbrowser	Production date	Content	
EV 4.2.2	202	EV 4.2.2	V2.2.9	EV4.2.2	>16.04.2025	**Feature:**	Additional Support of PDP Sensor for dP-Control mode functionality
						Improvement:	Settings for the DNS server can now get customised. If required, communication with the DNS server can be prevented by not inserting a DNS server address.
							The device is now consistently updated via the cloud.
							The PubNub service has been removed.
							Switch connection added option for inversion.
							In the event of a flow error (e.g. air bubbles) the timer has been optimised to switch back to normal operating mode.
							Value range extension on Output U5 for volumetric flow limit.
						Bugfix:	Fixed behaviour where error bit 15 Bus watchdog triggered was set independently of the bus fail action.
							Fixed behaviour where the web server page was displayed empty when accessed with Guest at initial commissioning.
							Fixed behaviour where the device booted from factory partition in rare cases.
							Fixed behaviour where incorrect data points were displayed for the dT function in the Live Trend.
EV 4.2.1	202	EV 4.2.1	V2.2.0	EV4.2.1	>05.07.2024	**Improvement:**	Improved behaviour for variant configurated Y-Lost functionality and analog forced control.
							Webserver Overview Page added additional absolut value for Setpoint Flow.

Device version	Modbus Firmware Version	BACnet Application Software Version	Assistant App Software Version	Model name Webbrowser	Production date	Content	
EV 4.2.0	102	04.01.0000	V2.1.6	EV4.2	>25.04.2024	**Feature:**	dP-Control mode functionality
							New Datapoint for Error State
							Communication watchdog / Bus fail setpoint functionality
							Value range extension on Bus interfaces for temperature values from 120°C to 150°C. Important: the maximum permissible fluid temperature remains 120° C.
							Y-Lost function added, only available if ordered via Variant Configurator
							Security compliance to GSA , HTTPS access default for web server access
						Bugfix:	Extended Modbus Address range from 1...127 to 1...247
							Fixed behaviour for receive buffer routine between UART (RS-485) and the Modbus stack (improved stability with Modbus RTU communication)
							Fixed behaviour DHCP server requesting the client identifier from the device.
EV 4.1.1	0	04.01.0000	V1.1.6	EV4.1.1	21.02.2023	**Bugfix:**	Behaviour where local web server could not be reached if power supply was removed during the very first start-up.
							Behaviour where non-MID counter value was lost and started from zero if power was interrupted while saving counter data.
EV 4.1.0	0	04.01.0000	V1.1.5	EV4.1	07.06.2022	**Feature:**	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.
						Bugfix:	Behaviour where equal-percentage characteristic curve did not reach V'max.
							Behaviour where device rebooted when DHCP client was lost.
							Behaviour where IP settings could get lost.
							Behaviour where accumulated energy on performance report could have been incorrect.
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	5-year warranty
	On site around the globe
	Complete product range
	Tested quality
	Short delivery times
	Comprehensive support

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