Release Notes

MP BUS®

Modbus

ASHRAE BACnet®

Thermal Energy Meter DN 15...50

Edition 2024/05

BELIMO®

Version overview Thermal Energy Meter DN 15...50

General information

Device types: 22PE-1U..
22PEM-1U..

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	Software Version Assistant App	Model name Webbrowser	Starting with Production Date	Content	
TEM4.2.0	201	04.02.0000	V2.1.2	TEM4.2	> 25.04.2024	**Feature:**	Value range extension on Bus interfaces for temperature values from 120°C to 150°C. Important: the maximum permissible fluid temperature remains 120° C
							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.
TEM4.1.1	0	04.01.0000	V1.1.5	TEM4.1.1	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.
TEM4.1.0	0	04.01.0000	V1.1.3	TEM4.1	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 device rebooted when DHCP client was lost.
TEM4.0.1	0	04.01.0000	V1.0.10	TEM4	08.02.2022	**Bugfix:**	Behaviour where IP settings could get lost.
							Behaviour where accumulated energy on performance report could have been incorrect.
TEM4.0.0	0	04.01.0000	V1.0.4	TEM4	21.10.2021		Released without restrictions.

All inclusive.

Belimo as a global market leader develops innovative solutions for the controlling of heating, ventilation and air-conditioning systems. Damper actuators, control valves, sensors and meters represent our core business.

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

BELIMO Automation AG
Brunnenbachstrasse 1, 8340 Hinwil, Switzerland
+41 43 843 61 11, info@belimo.ch, www.belimo.com

BELIMO®