



**More than
standard.**

**Customer-specific products.
Less effort, more profit.**

BELIMO®

Products with great added value.



Individual components

Time-consuming assembly on the construction site.



Custom-made

Ready for quick installation on the construction site.

The market is changing at a rapid pace and so are the wishes of our customers. Lack of installation personnel, short lead times in projects and the reduction of error costs are increasingly in focus. At the same time, risks must be reduced and the responsibility transferred to the supplier.

This is difficult to solve with standard products. Customer-specific solutions are therefore becoming increasingly important. We build the right actuator for you with the right cable length, the right connector plug and the required parametrisation.

On request, we mount the actuator to a valve and create a pre-mounted assembly from pipe parts, sensors, connections and much more. We also manufacture your specific connection part for retrofitting in our workshop. We offer you an "all-round carefree package" for your application.

More than standard.



Connector plug, cable, labelling

We quickly implement customer-specific cable assemblies on products from our standard range, e.g. with connectors of your choice. Each product receives a label, which can also display customer information.



Parametrisation

We will gladly carry out setting and parametrisation of our intelligent devices for you. Baud rates, running times, bus addresses or even the display colour of certain sensors, for example, can be preset.



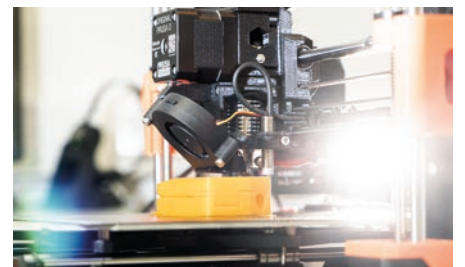
Pipeline construction

Our in-house workshop carries out pipeline construction for you (assemblies of valves, actuators, sensors, pipe parts, connections and much more). If required, we can conduct leak tests and, if requested, also insulation mounting.



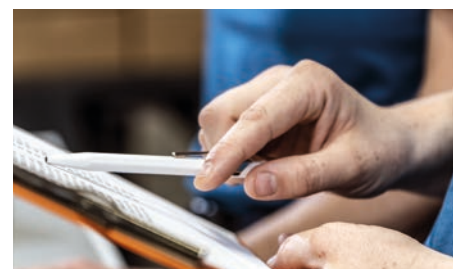
Connection parts, retrofit

We produce customised retrofit solutions for air dampers, valves and sensors. Functional samples can be created in advance with a 3D printer to ensure fit accuracy.



Other services

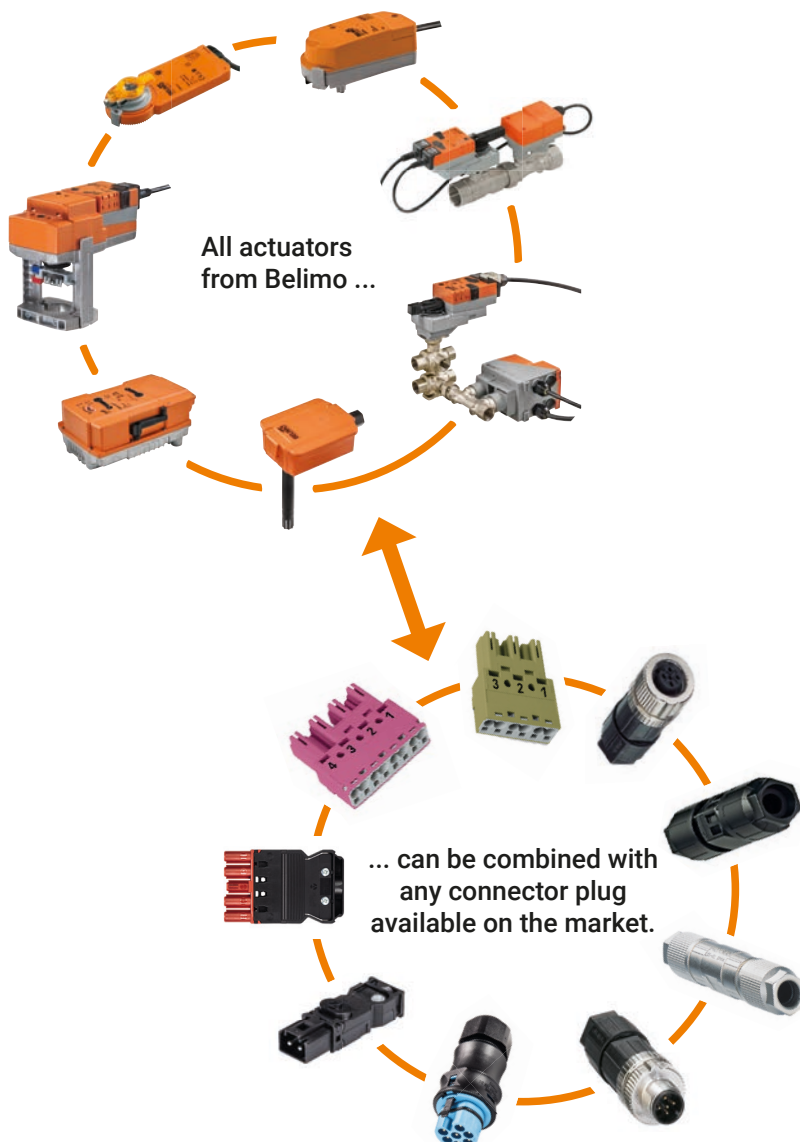
The continuous expansion of our services enables projects of the most diverse kind. These include, among other things, the special coating of our valves, products freed from silicone residues, or software adaptations to performance devices.



Your personalised actuator.

In the early years, Belimo manufactured actuators and components in small batches, but today they are produced in large quantities using advanced assembly techniques. Due to the flexibility of that time, every actuator could be made to measure and even customised according to the customer's wishes. Belimo is bringing this old tradition back to life.

Thanks to the modular design of our actuators and the sophisticated configuration system with countless options, you as a customer can put together your own actuator. In addition, our compact and lightweight actuators make it easier for you to install them on-site.



"The overall robustness of the products, short delivery times and comprehensive support are impressive characteristics of Belimo. They are particularly important if assembly and installation must be carried out early on in the construction process. In addition, all Belimo products come with a 5-year warranty, without any discussion."

Jeremias Meier, Engineer and Team Leader for Air-Conditioning Technology at Lippuner Energie- und Metallbautechnik AG, Grabs

More than just an actuator.

Cable length as required

As standard, we supply our actuators not only with a 1 m cable, but also with terminals. An additional junction box is therefore not required. On request, we can adapt the cable length and type to your needs. To minimise your effort, we deliver our actuators pre-assembled and ready for installation on-site.

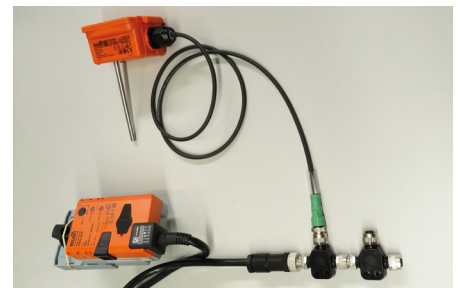
We can also provide your custom cable with wire end ferrules and/or equip it with the connector plug of your choice. Cabling or connection errors are thus a thing of the past. The functionality of every electrical modification is tested as standard at Belimo. Assembly and commissioning on the construction site is thereby greatly simplified. It is as easy as plug and play.



Pressure-independent characterised control valve PIQCV with 1.5 m long connecting cable for transfer stations in district heating projects. Including a plug-in power supply unit and lustre terminals for connection to a room thermostat.



Duct/immersion temperature sensor with 2 m connecting cable and Wago connector plug.



Connections with adapted cable length and Phoenix connector plugs. The duct/immersion temperature sensor and the valve actuator are combined in one connector plug.



VAV-Compact with customised cable length and Wago connector plug – plug and play.

Your pre-mounted and tested assembly.

"Doing everything possible to simplify installation work on the construction site, shorten construction time and prevent possible errors in advance" - that's why Belimo pre-mounts complete assemblies according to our customers' requirements, tests them and, if desired, parametrises them. As a result, pre-mounted assemblies are created which can be installed directly on the construction site. Cutting pipes to length, cutting threads, assembling pipe parts, connecting parts, actuators, valves and sensors and much more, which used to be carried out on the construction site, is now a thing of the past.



"Thanks to the pre-mounted Belimo assemblies, we have saved a lot of time on the construction site. All customer-specific sets were already 100% tested by Belimo, ensuring error-free assembly on-site."

**Jan Nederveen, Director of construction,
Klimaat-service Holland B.V.**

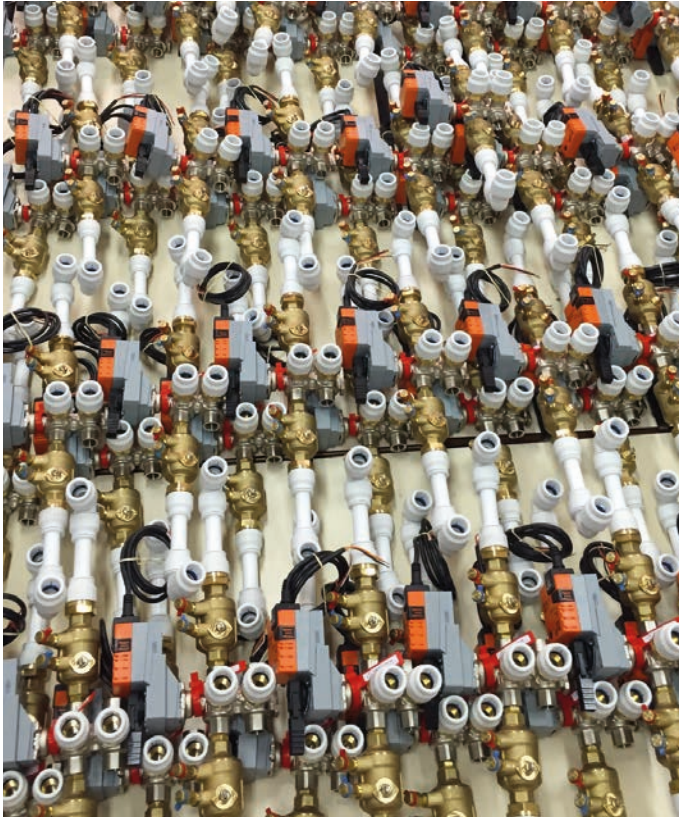
Oosterdokeiland (ODE) Headquarters of Booking.com

The impressive building under construction in the middle of Amsterdam is one of the largest inner-city projects in Europe. The installer, Klimaat-service Holland, is using 1,350 6-way characterised control valves that are connected to the BMS via KNX. In combination with our flow sensor, various pipe parts, clearly defined cable lengths with project-specific connector plugs, an electronically controlled, pressure-independent system is created, which is prefabricated as an assembly at Belimo. This results in enormous time and cost savings on the construction site.

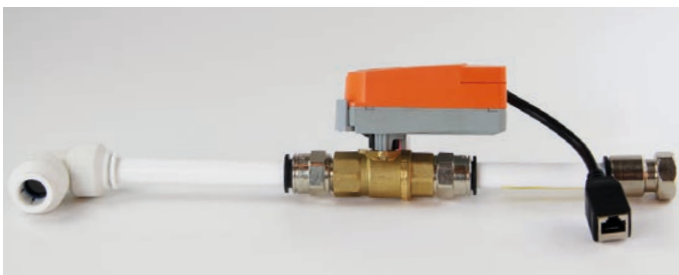


Booking.com Campus in Amsterdam.

Customised solutions.



Assembly manufactured in small series, consisting of a 6-way valve, a PIQCV and pipe parts, bends and connections. Pressure-independent solution for the 4-pipe system, ready for installation on-site.



Characterised control valve with pipe parts, bends and connections with customised RJ45 connector socket for connection to a building management system.

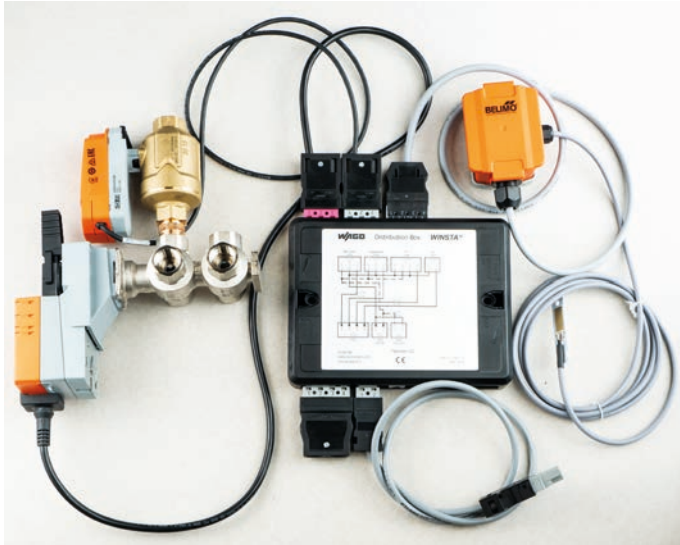


Pressure-independent assembly for a heating/cooling ceiling sail consisting of a 6-way characterised control valve and a PIQCV. Equipped with press connectors and quick couplings.



3-way characterised control valve with CQ actuator. Pre-assembled with pipe connections and tested for leaks.

More than just a pre-mounted assembly.



Assembly manufactured in small series, consisting of a 6-way valve, a PIQCV and a dew point sensor. All components are connected to a Wago Winsta box using Wago connector plugs. The result is a pressure-independent solution for a heating, cooling ceiling sail. This is integrated by means of a dew point sensor ensuring that the control valve automatically closes in the event of condensate formation. As a result, only a room controller and the power supply (24 V) need to be connected to the Winsta box.



For building renovation/modernisation, components must be installed in existing pipes. The dimensions are given by these. In the PIQCV above, this was solved by using a tubular part that can easily be shortened. The assembly is mounted and tested by Belimo and can be adjusted to the required length on-site.



6-way characterised control valve combined with a PIQCV to form a pressure-independent 6-way valve with easy-fit pipeline and quick-release couplings. Equipped with an RJ45 connector socket to communicate with the building management system.

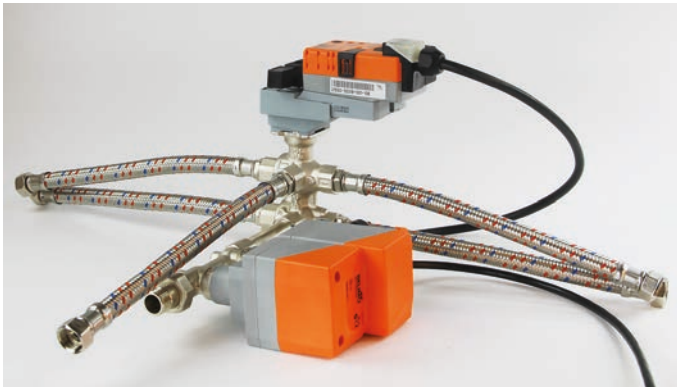


Assembly in H configuration for fan coil. The bypass allows the pipeline to be flushed without damaging the heat exchanger. Also equipped with PIQCV in the return to compensate for pressure fluctuations. The flow can be measured via a flow meter orifice.

Other special solutions.

Flexible installation

If the dimensions of the assembly and especially the piping cannot be determined exactly, then we can support you with flexible hoses. This means that you will always have the right part for every installation and also for deviations in the conditions on the construction site.



More than just pipes and components

Save time and money - order your component with insulation. The assembly shown below with a Belimo 6-way valve and additional flow sensor was also provided with insulation at the factory. Unwanted heat radiation, condensation and installation time on-site are thus reduced to a minimum.



Special coatings

The continuous expansion of our services enables a wide range of diverse projects. The globe valve shown in the picture was coated according to DIN EN ISO 12944-C4. We can also offer assistance with products that have had silicone residues removed.



Parametrisation

Leave preparations for commissioning your HVAC performance device to us and minimise the time needed for commissioning and possible sources of error on-site. In the picture shown, for example, for our Belimo Energy Valve™.

Exactly what you need delivered on time.

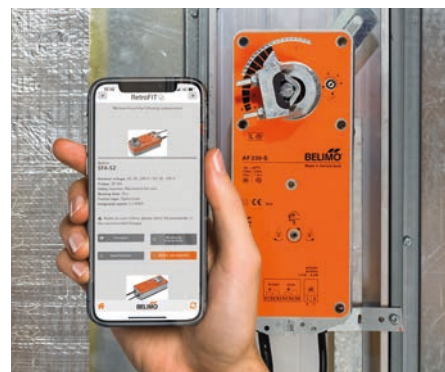
RetroFIT

Belimo offers standard and customer-specific retrofit solutions (RetroFIT) with short delivery times to quickly get your HVAC system working efficiently again. Your advantage: minimal downtime. Our retrofit solutions focus on quality and reliability. Our products help increase/secure the performance and maintenance-free operation of your HVAC system. In addition, if you have not found what you are looking for in our standard product range, we can also offer you special solutions starting with a batch or lot size of 1.



Retrofit as required

We manufacture customised connection parts for you in our workshop. Anything is possible. The example shows an adapter plate for mounting a Belimo actuator on a valve from a third-party supplier. Belimo supplied a "carefree package" for this, in which the connection was measured, designed and manufactured by Belimo. Ready for installation on the construction site.



With the Belimo RetroFIT app, you can specifically replace your outdated or defective actuators and sensors from various suppliers with devices from Belimo in the HVAC industry (heating, ventilation and air conditioning).

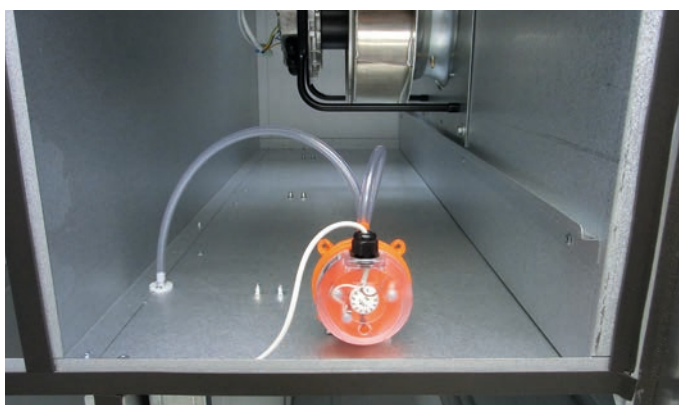
Strengthen your brand with Belimo quality.

What you can expect from us

- Different cable types and lengths with or without a connector plug.
- Custom housing and label colours.
- Customised label with your own logo and/or mention of your website.
- Custom item code.
- Wide range of mounting options (adapted to your product).
- Wide range of electrical and mechanical accessories.
- Supplied in environmentally-friendly reusable packing.
- Adjustable running time, switching differential and bus parameters.
- Increased protection, for example, by adding coatings.
- Extensive cooperation/ partnership through the supply of semi-finished products and actuators with integrated control functions and I/O modules by Belimo.



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All inclusive.

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

Always focusing on customer added 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 world-wide 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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