



**Innovative,
user friendly,
reliable.**

The communicative PR actuator

The new butterfly valves with the communicative PR actuator learned how to control. Additionally, the easy installation, simple commissioning and self-adjusting design guarantee a reliable operation. That makes the new PR actuator innovative, user friendly and reliable.

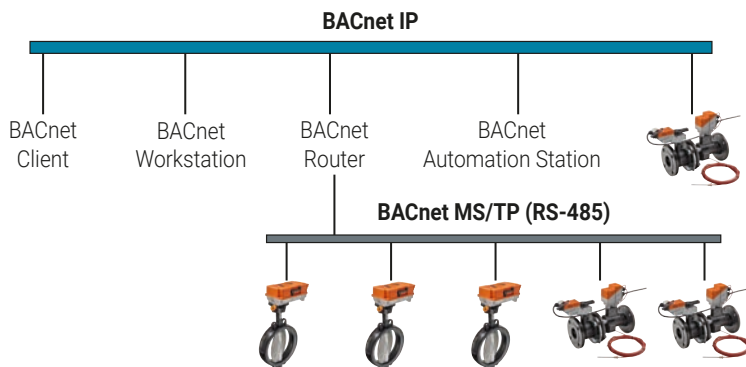
More advantages are:

- The communicative PR actuator with BACnet MST/TP and Modbus RTU interfaces provides superior data access with diagnostic possibilities and offers flexible configurations
- The reliable PRK actuator with electronic fail-safe function allows a high operating safety
- The selection of the control type and bus parameterisation can easily be set with Near Field Communication (NFC) via smartphone
- IP66/67 degree of protection allows outdoor usage and protects the actuator
- The smart heating prevents condensation in the actuator and increases the operating safety and lifespan

Efficiency and reliability in versatile applications.

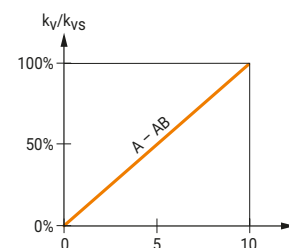
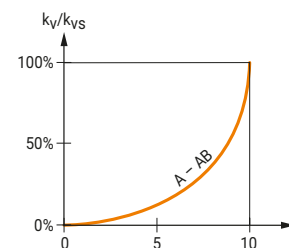
→ Communicative actuator for flexible configurations

The communicative PR actuator provides superior data access with diagnostic possibilities and can readily be configured via smartphone, thus facilitating planning considerably, given that one will then not have to commit oneself to the control from the very beginning. The actuator can be configured as open/close, 3-point, DC 0.5...10 V, DC 2...10 V, 4...20 mA, BACnet MS/TP, Modbus RTU and Belimo MP-Bus, even if the actuator is not connected to the power supply.



→ Control butterfly valves

Belimo taught the ball valve how to control applications. Now follows the next coup. For butterfly valve combinations with the PR actuator, the flow characteristic can be set to equal-percentage or linear. Combining two 2-way butterfly valves with linear characteristic curves into a 3-way butterfly valve results in a perfect mixing characteristic curve. Which means that Belimo butterfly valves are ideally suited for use as control devices in 2-way and 3-way applications.





High safety during power failure

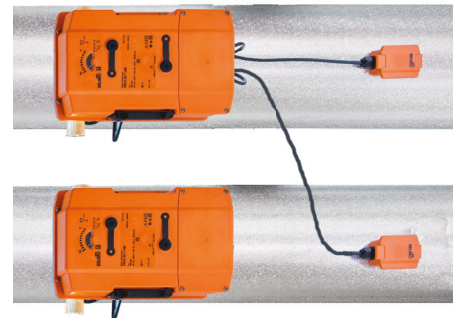
The reliable PRK actuator with electronic fail-safe function allows a high operating safety and moves to the desired safety position during a power failure.

- Flexible control: Open-Close, 3-point, DC 0.5...10 V, DC 2...10 V, 4...20 mA
- Flexible bus functionality: BACnet MS/TP, Modbus RTU, Belimo MP-Bus
- Power-off position (POP): 0...100% adjustable
- Belimo Assistant App for electronic fail-safe settings and diagnostics



Seamlessly integrated temperature measurement

The Belimo temperature sensors can easily be connected to the communicative PR actuators offering a perfectly functioning system solution. Two sensor inputs for active and passive temperature sensors provide accurate measurement data via the BACnet MS/TP or Modbus RTU protocols.



Butterfly valve-actuator combinations

For more information on the butterfly valve-actuator combinations from Belimo, visit our website and watch our video.



Website



Video

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

