

## Engineered for Endurance: Rigorous Testing for Absolute Reliability

To ensure the quality and reliability of our CO<sub>2</sub> valves, we subject them to a variety of rigorous tests:

- **Leak tests**  
Ensure that no CO<sub>2</sub> escapes and that the valves remain tight even under extreme pressures.
- **Stress tests**  
Simulation of real operating conditions, including high pressures and temperatures.
- **Long-term testing**  
Performance evaluation after millions of switching cycles to guarantee longevity.

These tests are carried out in our own laboratory and in cooperation with our customers, who conduct tests under real conditions in their own equipment. This close cooperation ensures consistently high quality.

Customized  
solutions



## Refrigeration valves made in Germany

RSG stands for quality and innovation in valve technology. We set standards in the industry by offering customized solutions and first-class products.

Our valve technology is used in numerous applications worldwide and impresses with maximum reliability and durability. Let us impress you with the performance and quality of our industrial valves.



High-quality solenoid valves  
since 1985

Customized solutions  
for your application



REGEL- UND STEUERGERÄTE GMBH

## PriWO- CO<sub>2</sub> valves made by RSG

The green future in refrigeration  
and air conditioning technology  
at high pressure



REGEL- UND STEUERGERÄTE GMBH

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# Precision CO<sub>2</sub> Valves. Modular. Reliable. Efficient.

In a world where efficiency, climate protection, and legal requirements are becoming increasingly important, CO<sub>2</sub> valves are at the forefront of technical innovation.

## Benefits of our PriWO CO<sub>2</sub> valves

-  High efficiency – low energy consumption
-  High operating frequency
-  Compactness
-  Durability
-  Service friendliness
-  Up to 140 bar
-  Available in DN5 and DN12

## Next-Generation CO<sub>2</sub> Control: Precision Meets Performance

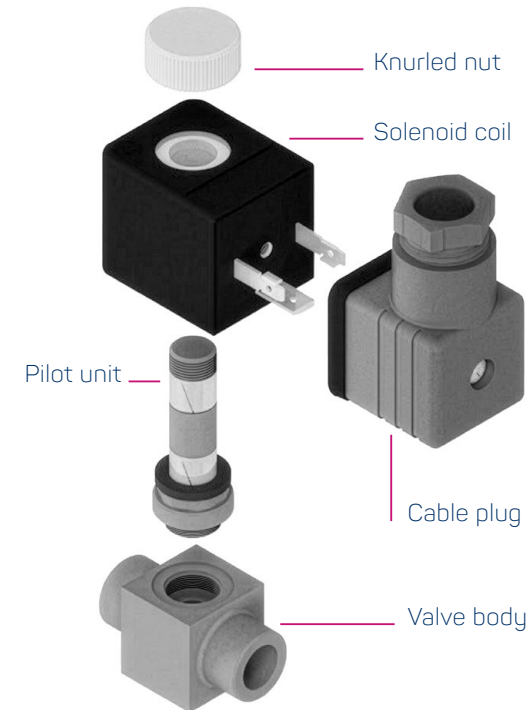
**RSG develops CO<sub>2</sub> valves that set standards. Our approach combines in-depth industry knowledge with state-of-the-art technology – from prototype development to series production.** Our innovations are based on a modular system that offers maximum flexibility. Whether it's a standard valve or a customized special solution, we deliver the perfect combination of performance, reliability, and efficiency. The individual components can also be ordered separately if needed.

In high-pressure systems, our CO<sub>2</sub> valves precisely regulate the flow and pressure of the medium. Thanks to their robust design, they can withstand pressures of up to 140 bar. Their reliable function ensures that systems operate safely and efficiently, even under extreme conditions. With our CO<sub>2</sub> valves, we offer solutions that are both technically and economically impressive. Whether for standard applications or highly specialized requirements, we are your partner for reliable and innovative valve technology.



Scan the QR code and find out more about our PriWO valves

Proven flexibility thanks to the modular design of our valves:



**All components can also be ordered individually!**  
So you only buy what you really need.

