

Railway industry pumped up about Parker Viking valves from Bachofen

The customer

Rail vehicle manufacturers in Switzerland and around the world rely on the premium, customised rail components from high-tech company Richard AG Murgenthal. Quality and innovation that stays on track.

The initial situation

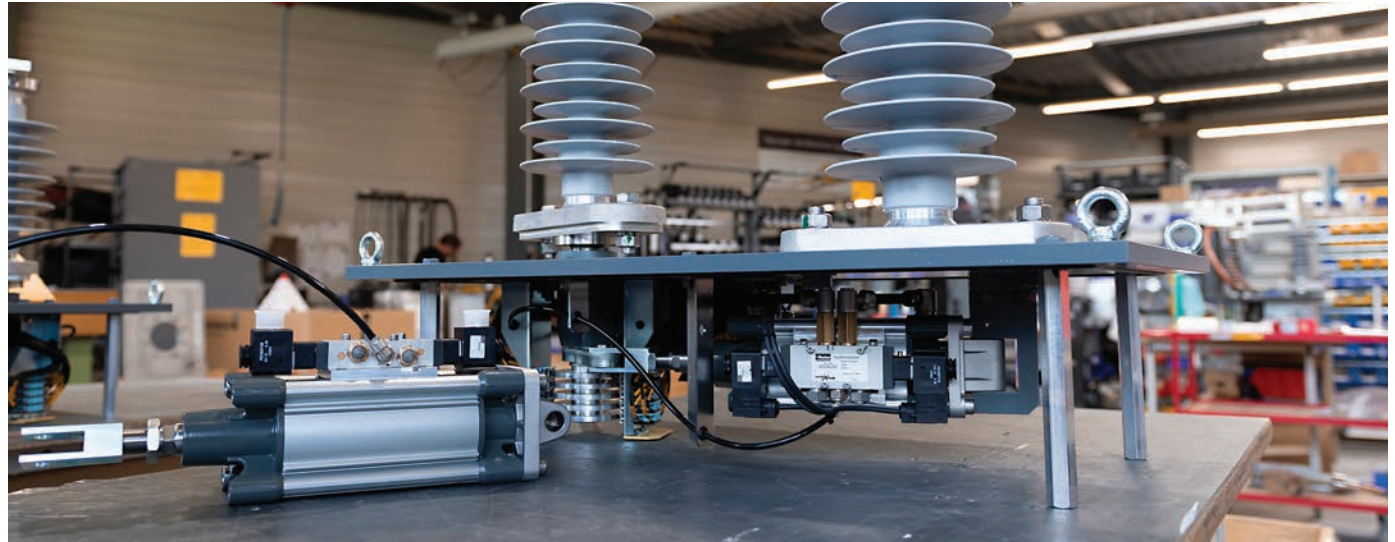
When it comes to the electropneumatic control of pantographs on locomotives and railcars, directional valves that function perfectly in the face of bitter cold and scorching heat are essential. Since many products on the market do not or only partially meet the exceptional level of reliability, safety and durability required in rail operations, Richard AG has turned to Bachofen – and made great strides as a result.

Project requirements

- ▶ Voltage tolerance +/- 30%
- ▶ Increased voltage tolerance for the 36 V DC coil
- ▶ Ambient temperature class TX: -40°C to +50°C
- ▶ Fire protection requirements in accordance with EN 45545-2 HL 2
- ▶ Robust, metallic design
- ▶ Supply assurance

Bachofen's solution

The products in question were evaluated as part of an intensive exchange between project managers at Richard AG and experts in valve technology at Bachofen. After a detailed examination, the decision was made to use the



Disconnecter assembly with Parker Viking directional valve: Robust, weather-resistant components for the railway industry in production.

electrically actuated 3/2-way and 5/2-way Viking Xtreme valves with several coils from the Bachofen technology partner Parker. Tests carried out together with Richard AG confirm the suitability of Parker Viking valves for demanding applications in the exposed areas of discon-

nectors and vacuum circuit breaker control systems. With custom-assembled kits and post-processing of modules, Bachofen supports the customer via a service-based, comprehensive solution that creates added value and contributes to the market success of Richard AG.

«We see Bachofen as a team player that is fully committed to us and shows an impressive ability to deliver.»

Salvatore Renna,
Head of Purchasing, Richard AG

Project technology partner



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