



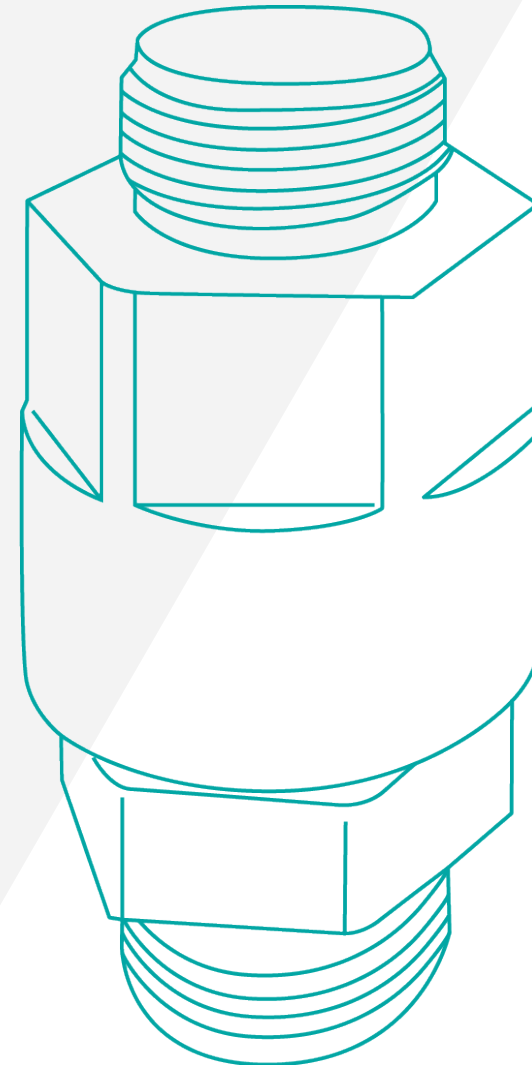
WORTHINGTON
ENTERPRISES



PTEC CHECK VALVE

What goes into your H2 containment system only comes out when you're ready to use it. Our PTEC Check Valve integrates magnetic technology that stops reverse gas flow and features fewer parts – ensuring worry-free operations.

Hydrogen-fueled mobility is evolving fast. Whether you need to catch up, keep pace, or get ahead, we can help. We lead the market with compressed H2 containment solutions for storage, transport, and on-board fueling systems. From hydrogen refueling stations to storage and transport containers, from cars to buses and trucks, our type 1-4 cylinders, cylinder systems, and gas-street components help your sustainable mobility program move full speed ahead.



Engineered in Germany

Keep your hydrogen-fueled operations moving in the right direction with **PTEC Check Valves**. Like all our components, we engineer our **PTEC Check Valves** to the highest levels of safety, cleanliness, and user experience.



Durable



Lightweight



Design



Innovation

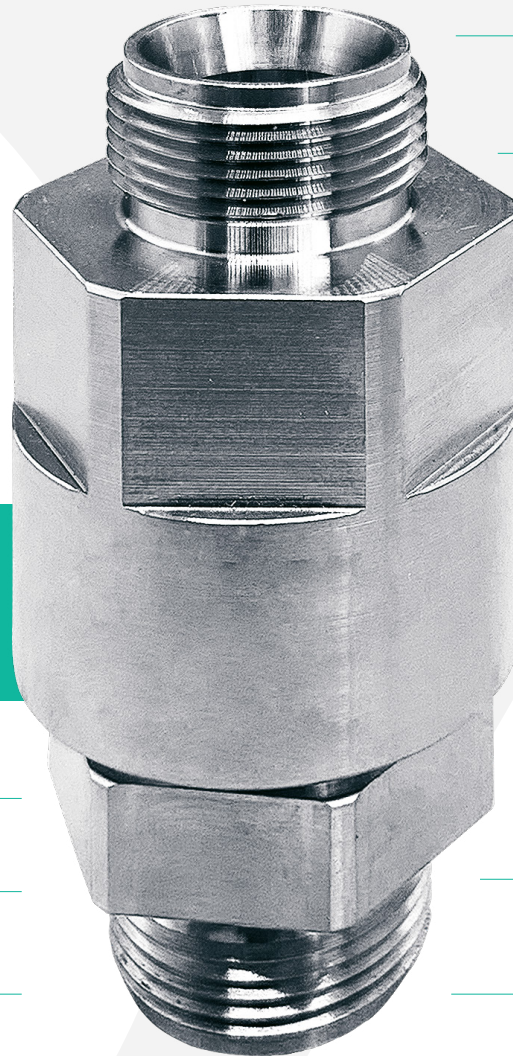


Long Range

Tightness: < 5 x 10⁻⁵ mbar l/s, 20 °C, 100% He

Less pressure drop through
magnetic reset

Aperture diameter: up to 7.5 mm



All seals designed for **compressed H2**

Reliable in **fueling** and **operation**

Noiseless

Inlet / outlet: SAE 9/16-18 UNF,
other connections on request

Compact, low-weight design

Operating pressure: 0 - 70 MPa

Operating temperature: -40 °C - +85 °C

Certifications: EC 79, UN ECE R134, EU 535

Burst pressure: > 105 MPa

Corrosion-resistant, stainless steel



All information is without guarantee. Images are for illustrative purposes only and may differ from the actual product due to continuous product development.



PTEC Pressure Technology GmbH | A Worthington Enterprises Company

Linde 11, 51399 Burscheid, Germany
DE-PTEC@wthg.com

+49 (0) 2174 70291
worthingtonenterprises.eu