



**WORTHINGTON**  
ENTERPRISES

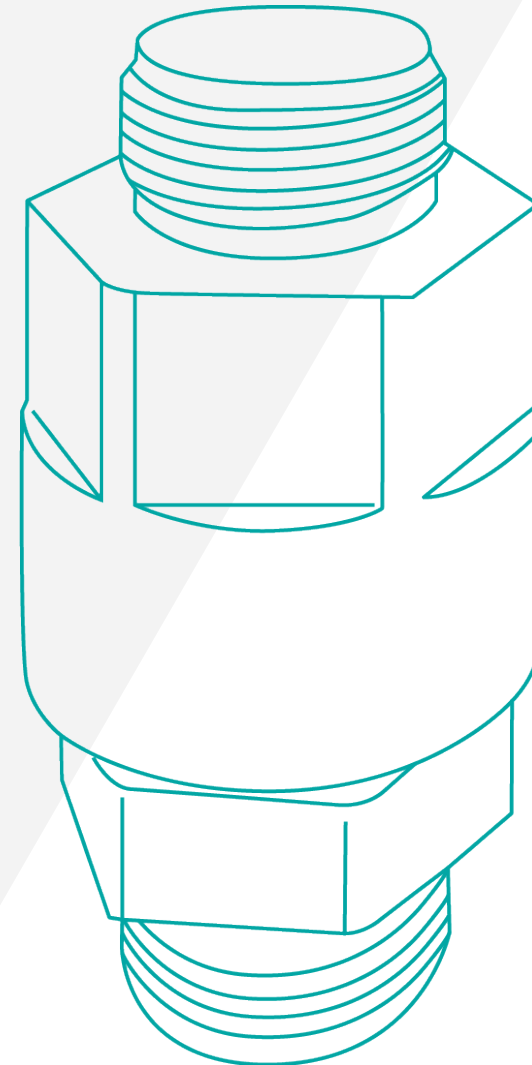


# PTEC CHECK VALVE

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**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

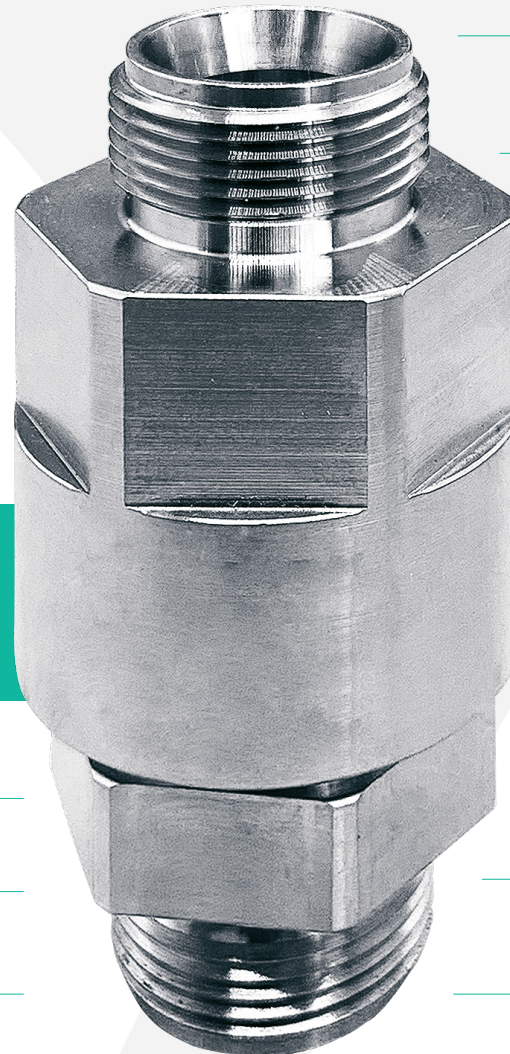


Long Range

**Tightness:**  $< 5 \times 10^{-5}$  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

