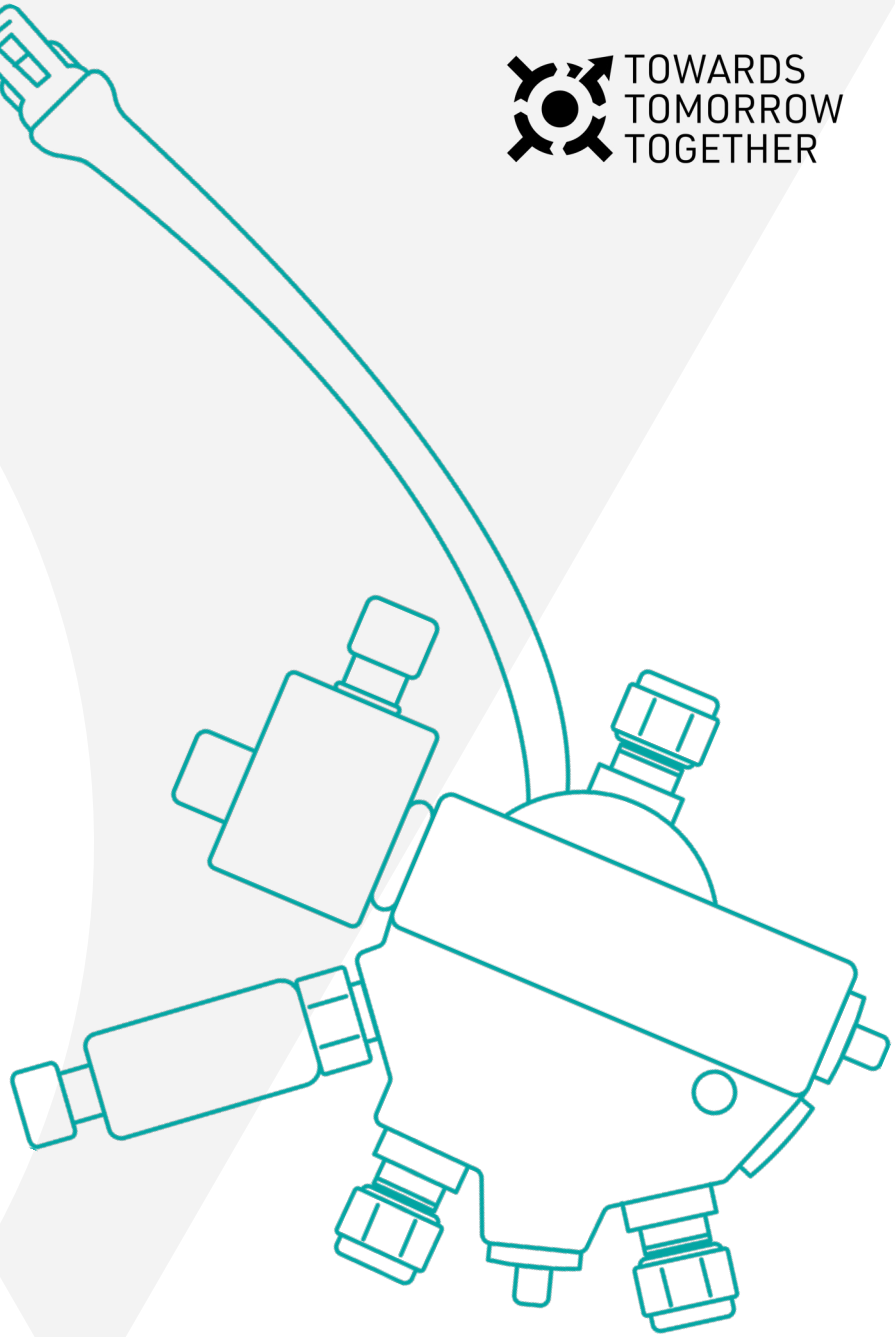
WORTHINGTON ENTERPRISES

TOWARDS TOMORROW TOGETHER

# PTEC ON-TANK VALVE

**For when you need the market's most reliable on-tank valve (OTV) for controlling gas flow between elements.**

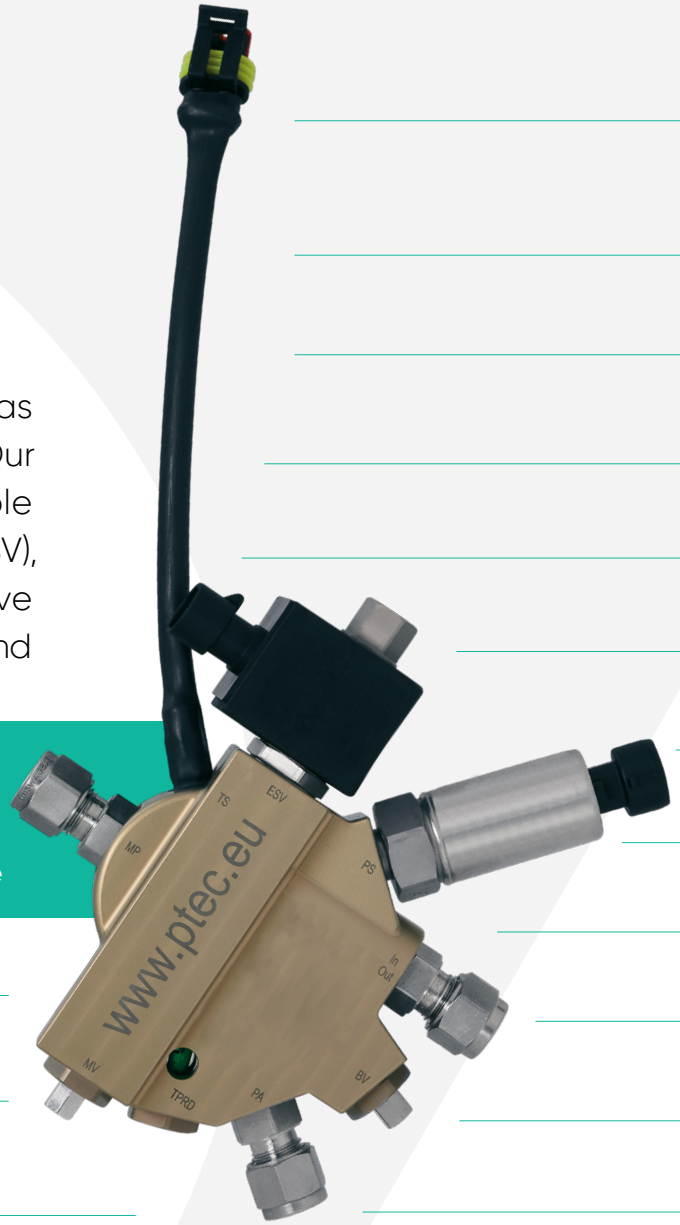
Hydrogen-fueled mobility is evolving fast. Whether you need to catch up, keep pace, or get ahead, we can help. We lead the market with compressed H2 containment solutions for storage, transport, and on-board fueling systems. From hydrogen refueling stations to storage and transport containers, from cars 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

Your H2 gas containment solutions need to turn gas flow on and off dependably and with precision. Our **PTEC On-Tank Valves** (OTV) lets you dock multiple elements onto the valve: electric solenoid valve (ESV), TPRD, bleed port, manual valve, excess flow valve (EFV), pressure + temperature sensors, pipe away, and injector tube.

Durable | Lightweight | Design | Innovation | Long Range




**Reliable opening and closing during operation**

**Connective design:** solenoid valve, TPRD, bleed port, manual valve, EFD, pressure- + temperature-sensors, pipe away, and injector tube

**Aperture diameter:** 3.5 mm

**TPRD**
Glasbulb design with 110 °C activation temperature | Spring loaded piston opens at 0 MPa, TPRD orifice from Ø2-4 mm

**Coil:** 12V / 24V DC, PWM; 7W

**Boss / tube connection**: tailored to customer specifications

**Compact, low-weight design**

**Noiseless**

**Operating pressure:** 0 - 70 MPa

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

**Certifications:** EC 79, UN ECE R134, EU 535

All seals designed for **compressed H2**

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

**Burst pressure:** > 105 MPa

**Corrosion-resistant**, aluminium coated

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PTEC Pressure Technology GmbH | A Worthington Enterprises Company
Linde 11, 51399 Burscheid, Germany
DE-PTEC@wthg.com
+49 (0) 2174 70291 00
worthingtonenterprises.eu