



**WORTHINGTON**  
ENTERPRISES

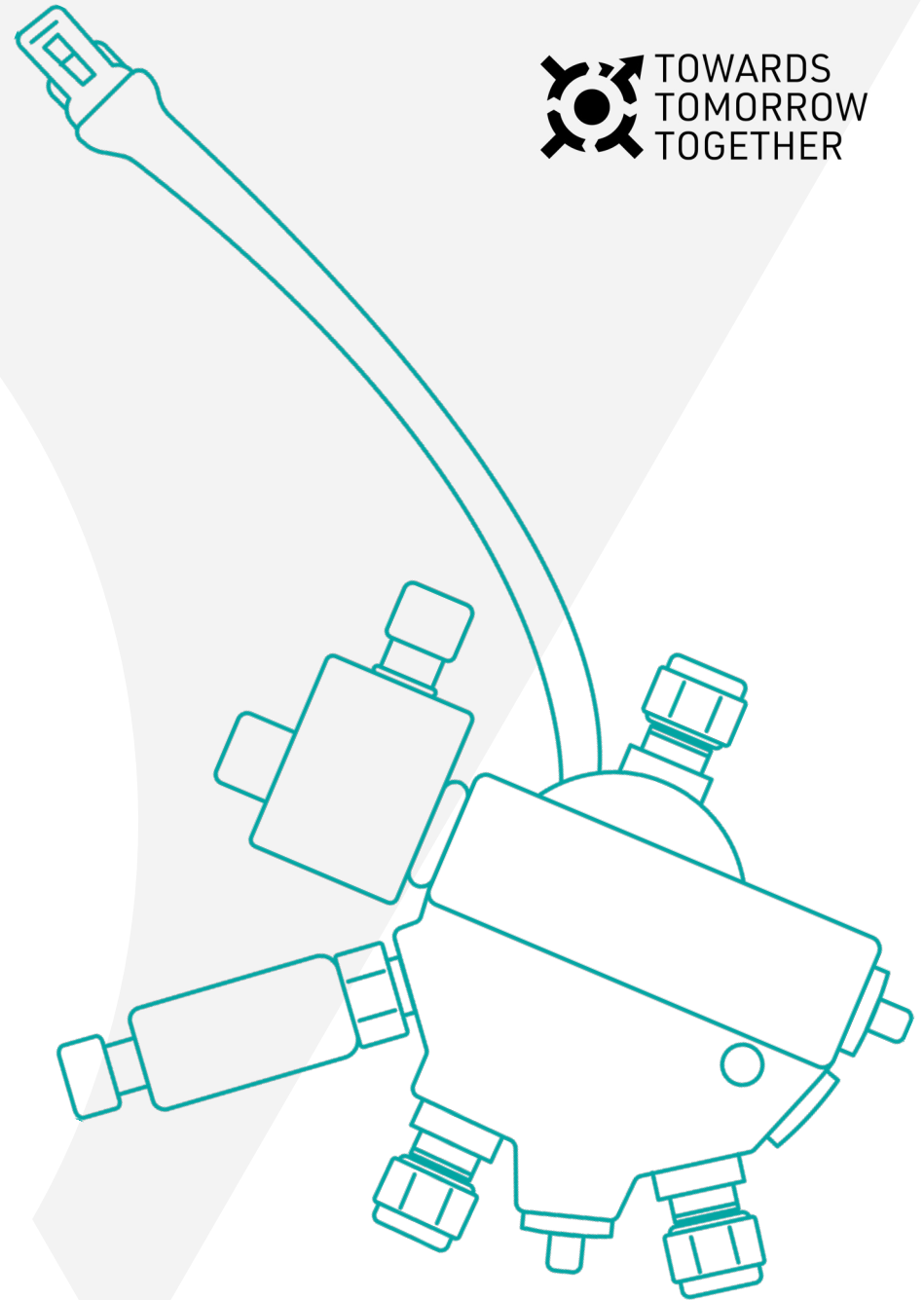


# PTEC ON-TANK VALVE

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**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 H<sub>2</sub> 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 H<sub>2</sub> 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 H<sub>2</sub>**

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

**Burst pressure:** > 105 MPa

**Corrosion-resistant,** aluminium coated



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



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