



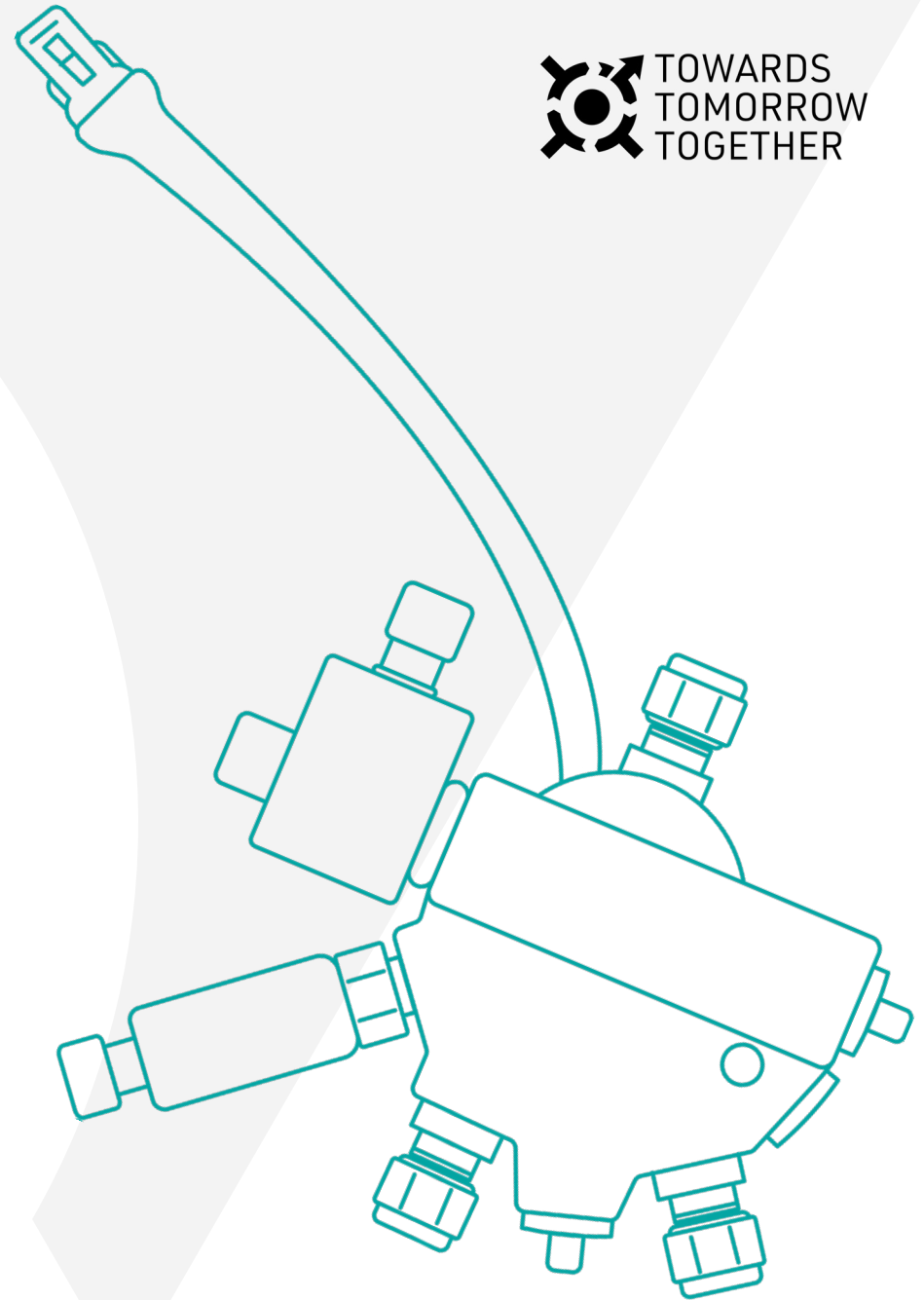
WORTHINGTON
ENTERPRISES



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

