

## Relative pressure transmitter type 555 for mobile H<sub>2</sub>-applications

The compact Type 555 transmitter with EC79:2009 certification ensures precise pressure measurements and reliability in mobile hydrogen applications.

Pressure sensors are required throughout the entire hydrogen value chain - from hydrogen production to storage, transport and processing. The compact relative pressure transmitter type 555 with EC79:2009 certification offers high measurement accuracy and works reliably in mobile applications, e.g. monitoring the pressure at the H<sub>2</sub> tank in hydrogen vehicles. With a variety of electrical connections, it can be easily integrated into existing systems.

### Application features

- Suitable for use in motor vehicles thanks to hydrogen approval in accordance with EC79:2009
- With its compact and robust design, the Type 555 fulfils the requirements for shock and vibration resistance in accordance with automotive standard ISO 16750-3
- Protection classes IP67 and IP69K

### Security features

- Due to the hermetically welded sensor design, elastomer seals can be avoided and temperature ranges down to -40 °C can be achieved
- 100 % leak test using helium leakage test
- All sensor materials used are compatible for gas H<sub>2</sub> applications
- External tests show no deviations in measured values, ensuring a high level of process reliability

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### About Huba Control AG:

Huba Control AG is one of the leading manufacturers of precision pressure and flow sensing components. With our extensive technological expertise, we develop and produce high-quality pressure switches, pressure and flow sensors. Our market-oriented solutions and innovative products make a significant contribution to the conservation of energy resources and the reduction of pollutant emissions.

Since 1945, we have been known for our collaborative partnership with customers, individual accountability, transparent communication, and team spirit – values that shape our corporate culture.

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Caption: The 555 high pressure sensor from Huba Control is suitable for motor vehicles thanks to its hydrogen approval in accordance with EC79:2009