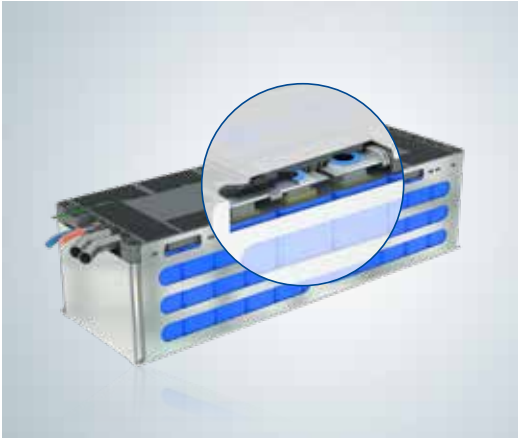


# PRODUCT OVERVIEW

## AUTOMOTIVE COMPONENTS FOR NEW MOBILITY



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### Thermal Battery Management

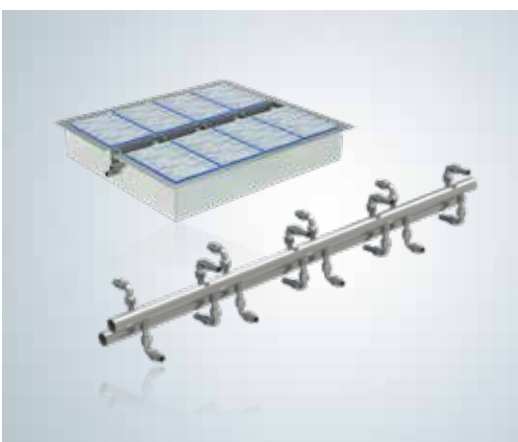
- Functional integration of tab contacting and cooling
- Reduced risk of thermal runaway
- Direct cooling with dielectric fluid



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### Accumulator

- Energy storage/recovery
- Volume compensation
- Pressure pulsation damping
- High standard of technical cleanliness
- Compact design
- Maintenance-free
- Stable product characteristics over lifetime



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### Battery Cooling Pipe

- Fully integrated cooling pipe solutions for battery packs
- Very compact design with wall thicknesses from 0.5 to 0.2 mm (plastic >1.5 mm)
- Lightweight construction
- High temperature resistance
- Securely fire-resistant up to 900°C



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### Applications for fuel cells, H<sub>2</sub>, CO<sub>2</sub>, cooling and other media

- High degree of safety: designed for pressures of up to 200 bar; burst pressure testing over 500 bar
- Leaktight by metal-sealing
- High geometric adaptability
- Complete portfolio of hydrogen-resistant stainless steels already available (resistant to hydrogen embrittlement)



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### Battery Degassing Pipes

- Pipes for the controlled degassing of batteries within seconds
- Temperature-resistant up to 900 °C
- Enhanced accident safety
- High geometric adaptability
- For all cell types, high and low voltage

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