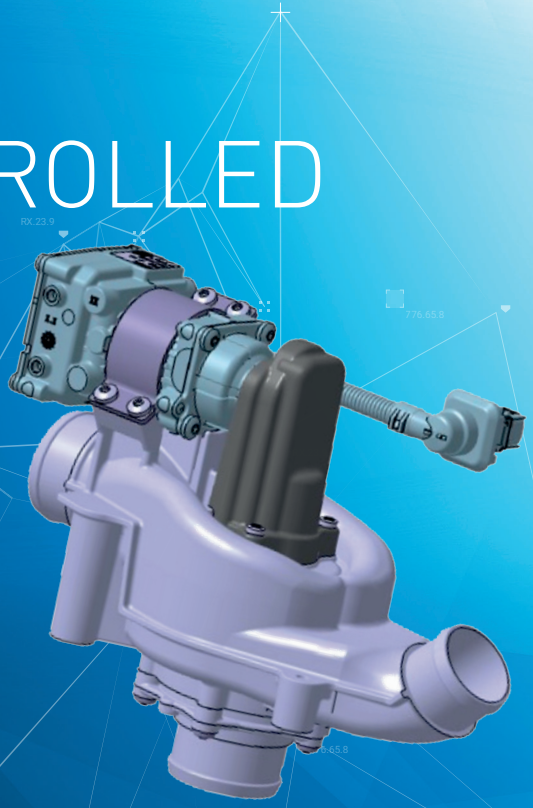
# ELECTRICAL CONTROLLED THERMOSTAT – 3/2-WAY VALVE



## ELECTRICAL CONTROLLED THERMOSTAT

Rheinmetall's electrical controlled thermostat has been carefully designed to regulate the flow in the coolant circuit of a fuel cell, ensuring optimal performance and longevity of the system. It is available in 3/2-way valve configurations and can be equipped with either two inlets and one outlet or one inlet and two outlets, depending on the specific requirements of the application.

Our electrically controlled valve ensures precise control of the coolant flow, increasing the efficiency of the fuel cell. In addition, the valve is equipped with a fail-safe function that ensures the highest safety standards and reliability for the fuel cell operation.

### BENEFITS

- Fuel cell and ICE application
- Smart actuator
- High flow capacity
- Low pressure loss

### TECHNICAL DATA

| | |
|---|---|
| Operating voltage | 12V/24V |
| Communication protocol | CAN |
| Actuator type | BLDC-Motor |
| Flow rate capacity | appr. 550l/min. |
| Pressure loss | appr. 10 kPA |

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With its Business Units and Business Areas, the Division stands for outstanding expertise in the following areas: air management, thermal management, e-mobility and digitalization, hydrogen technology, metallic plain bearings, composite materials and lightweight construction. The Power Systems Division also represents Rheinmetall's global aftermarket activities through the Trade Business Unit.

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