



FAK-ARMATUREN GmbH

Valve Remote Control System Level Measuring System

for marine vessels and offshore installations



FAK - Quality makes future

- Operating Systems / Workstation
- Hydraulic Power unit
- Actuators
- Measuring Sensors

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Operating system / Workstation

Our operating system provides you with a single point overview of all valve and actuator positions throughout the vessel, as well as monitoring the liquid level, temperature, and pressure of the tanks. Specifically, the control module of the system aims to manage all types of RKMC valve actuators in the marine environment and monitor the working status of related storage tanks. You can perform maintenance on any valve without shutting down the entire system. When you maintain the valve, it also does not affect the operation and control of other valves.

Keeping up with the pace of technological

development and catering to people with more diverse needs, we have provided touch screen workstations, which are a simple and direct operation method, making work simpler and more efficient. Ultimately, our operating system offers intuitive and accurate centralized control, together with the ability to adjust parameters to your particular needs.



Hydraulic power unit

Our hydraulic power unit is built on a standard modular platform, proven for its reliability and safety. As such, it's possible to configure and scale the unit as requirements demand. In the event that performance is reduced, an override backup system automatically engages, allowing you to keep operating ship valves. Finally, the design of the unit allows for easy access to internal components, making repairs and testing fast and painless. Overall the RKMC HPU is extremely safe, easy to install and support, and highly dependable.

Actuator

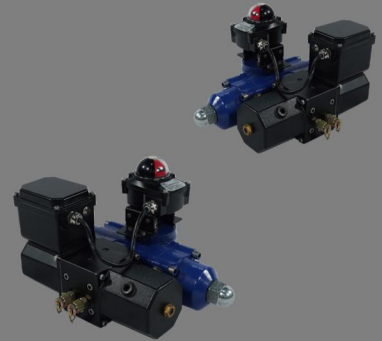
According to the customer's needs, we provide electric actuators, hydraulic actuators and electro-hydraulic actuators for customers to choose. We provide actuators for all types of quarter turn and linear valves.



Hydraulic actuators



Electric actuators



Electro-hydraulic actuators

Measuring sensor

Focusing on providing quality products and services, we choose the world famous brand E+H sensor as the data acquisition instrument for liquid level monitoring. Provide efficient and accurate level, pressure and temperature monitoring services.



**Pressure sensor
PMP51B**



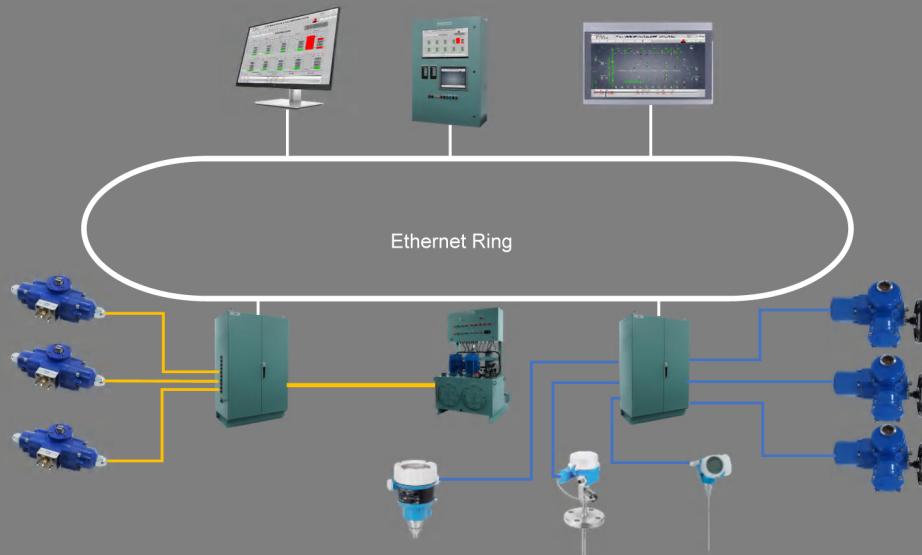
**Temperature sensor
TM131**



**Guided wave radar
FMP51**

Reliable & secure system

Our system can be used on all types of ships and is available as a standalone system or as part of an extensive marine tank management system. The system itself consists of operating system, hydraulic power unit, solenoid cabinet, peripheral sensors (liquid level, temperature, and pressure sensors) and valve actuators. This tried-and-tested design makes operation simple, efficient and cost effective.



Emergency hand pump

In order to cope with some unexpected situations, we provide various styles of manual pumps to meet customers' diverse choices.

