

Media Kit Frese MODBUS System

PRESS RELEASE:

Frese becomes one-stop supplier for Modbus solutions

Frese MODBUS System will provide a complete package solution for Modbus enabled dynamic valves in the Marine market.

Danish valve manufacturer Frese is continuing its quest for simplified and compact digital valve solutions, and is launching Modbus enabling for the full range of the well-known Frese OPTIMA Compact.

Rasmus Frimann Nielsen, Product manager for Marine and Industry at Frese explains:

- We have developed a universal Modbus converter box that connects our dynamic balancing valves with the onboard central management system. Our customers will get all the advantages of our tried and tested product range; easy installation and operation, perfect balance throughout the system, and energy savings – along with increased monitoring options of the Modbus technology.

Simplifying the complex

Frese MODBUS System consists of a Modbus enabled actuator, ranging from DN10 to DN300, and the new converter box, which can operate two actuators as well as two active sensors for temperature, pressure, humidity, CO2 or any other parameter. This minimizes the required cabling of the Modbus daisy-chain, making it perfect for the marine sector where space is always a central issue.

Simplifying complex systems is always a main goal for Frese, and this system is no exception. All components are built with easy installation in mind. Cabling between converter box, actuator and sensors is made easy and flawless with prefabricated cables with standard M8 and M12 connectors, and the converter box can be placed in a convenient location.

Robust and flexible

The Modbus enabled actuator is robust to humidity and dust (IP54), and can be installed regardless of direction, again making it ideal for cramped spaces.

Because Frese MODBUS system is centred around a converter box, it allows the customer to operate all valve sizes in one Modbus communications protocol, thus simplifying the digital installation process.

- We have designed the system to cover the full product range. With just one converter box and one Modbus protocol for all our valves this truly is a one-stop solution for the marine market, says Rasmus Frimann Nielsen.

For further information, please contact:

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Complete Package Solution

for Modbus Enabled Dynamic Valves



- ➔ **Prefabricated plug-in halogen free cables**
- ➔ **Alarms in case of short circuits, error messages etc.**
- ➔ **Allows for smaller actuators - easier to install in cramped spaces**
- ➔ **One converter box for all valve sizes simplifies installation and operation**

www.frese.eu/en/modbus



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