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High-speed MODBUS

High-speed MODBUS with integrated servo motors MAC400 and MAC800 from JVL

JVL Industri Elektronik A/S, a world leader in integrated servo an stepper motors, now offers yet another feature: The latest firmware for the integrated servo motors MAC400 and MAC800 now supports the MODBUS RTU protocol.

The implementation supports the Read Holding Registers and Write Multiple Registers commands, which will give R/W access to all motor registers at speeds up to 1 Mbit/s, though typically the PC standard rates of 9600..115200 and 230400 bits/s would be used.

The implementation uses the original V1.1 version of the MODBUS protocol for maximum compatibility. The firmware supports the commonly used two-wire RS-485 as well as both the four-wire RS-485 and RS422 standards. Both the inexpensive MAC00-Bx and the advanced MAC00-FSx expansion modules allow access to these options.

MODBUS is generally considered the most widely used serial communications protocol in the industry.