

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



JVL Industri Elektronik A/S, a world leader in integrated servo and 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. For systems requiring a 2-wire RS-485, the MAC00-P4 interface module is used. For 4-wire RS-422, the MAC00-FSx modules or one of the MAC00-Bx modules are used.

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

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