

Modbus RTU Function List

The DGH D1000M, D5000M, and DIN-100 series products are Modbus RTU compatible. The Modbus RTU protocol is widely accepted throughout the PLC and data acquisition industry for communicating data. A standardized list of control functions read and control I/O signals within a process system. The supported list of master function codes are listed below.

Modbus Function Code	DGH ASCII Equivalent	Definition
01 - Read Coil Status	\$1DI	Read Digital Inputs
04 - Read Input Register	\$1RD	Read Analog Input Value
05 - Force Single Coil		Set One Digital Output
06 - Preset Single Register		Control Special Functions
15 - Force Multiple Coils	\$1DOxx	Set Multiple Digital Outputs

Virtually every commercial data acquisition, data collection or process control program software program available today contains support for the Modbus RTU protocol. Check with your software vendor to ensure support.