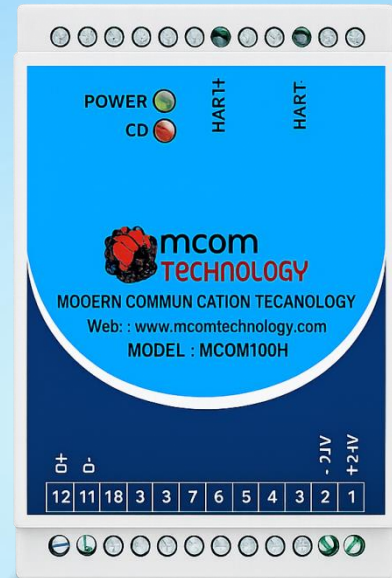


Your vision, automated



MCOM100H

HART TO MODBUS CONVERTER



The MCOM100H is an industrial HART-to-MODBUS protocol converter designed to interface with up to 15 HART slave devices and convert their standard process variables into fixed MODBUS registers. It enables accurate digital retrieval of flow, pressure, temperature, and other transmitter values directly in the control room, eliminating the errors associated with analog signal acquisition.

The device offers user-selectable baud rate settings through DIP switches and provides LED indicators for master and slave communication, ensuring quick diagnostics and simplified integration into automation systems.

➤ FEATURES

- Relatively easy to understand and use, the HART protocol provides access to the wealth of additional information (variables, diagnostics, calibration, etc.)
- HART is a no risk solution for enhanced field communication
- Compatibility with standard 4-20mA wiring
- Simultaneous transmission of digital data
- Risk reduction through a highly accurate and robust protocol
- Increase plant availability
- Reduce maintenance costs
- Improve regulatory compliance
- Support HART short/long frame
- Support Modbus RTU format
- Support Modbus slave mode
- COM 1: RS-232/422/485
- Provide LED indicators
- Built-in watchdog
- Mountable on DIN rail

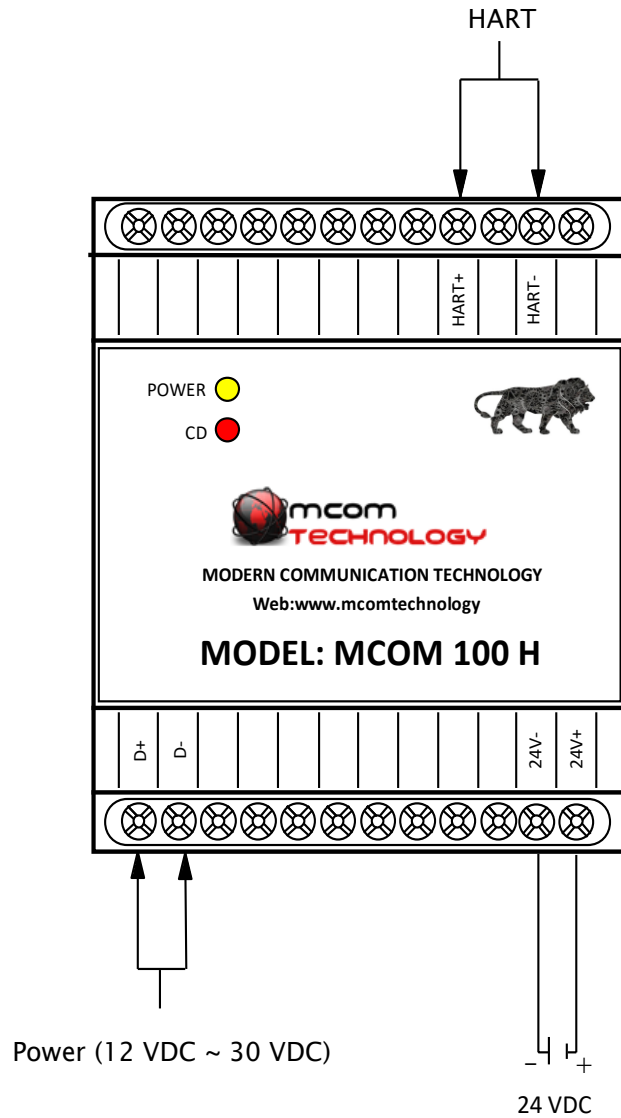
➤ SPECIFICATION

- Supply: 24 VDC
- Communication: Rs485 for master side HART on slave side.
- Communication settings: 9600 baud rate.
- No. of slaves: 15 HART slave units
- MODBUS RTU
- On MODBUS RTU (Master) MCOM100H gives floating point value of current, primary, secondary, third & forth variables.
- Engineering units for 4 variables & device information like device ID, MFR's code, hardware, software version etc. for HART slave units. (Maximum 15).
- HART slave status indication in MODBUS registers.

➤ APPLICATION

- Industrial Automation
- Industrial Machinery
- Building Automation
- Food & Beverage systems
- Semiconductor fabrication
- Control systems

➤ CONNECTION DETAILS



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