



Limitorque® Master Station IV



Introducing the Limitorque Master Station IV

The next-generation master station is designed and manufactured by Flowserve Limitorque specifically for use with Limitorque's line of (Modbus) electric actuators. For power, petrochemical, oil and gas, water and wastewater applications, the Master Station IV acts as a single-source controller for up to 250 actuators in a single segment.

The Master Station IV is a plug-and-play solution that provides complete user control with real-time diagnostics for Limitorque MX, QX and L120 field units through a simple touch-panel operator interface. Whether utilized in a new plant or modernization project, the Master Station IV can help minimize integration efforts and save users time and money during startup and commissioning while helping to maintain asset integrity during normal operations.

Enclosure options

- Desktop or DIN-rail mount
- 19 in rack
- NEMA 4/4X wall-mountable
- Stand-alone cabinet

Key features

- Supports priority polling
- Also supports TCP/IP comms with actuator network equipped with TCP/IP capability
- Multilingual functions include English, Spanish, German, French and Italian
- Configuration of slave register polling schedule
- Industry standard Modbus RTU, ASCII or TCP/IP protocols
- Secure access utilizing up to three levels of user password protection
- 6.5 in IP65, industrial touch-screen monitor (optional)
- Data/event logging
- Network control of up to 250 devices
- Peripheral ports: DCS serial, serial debug, DCS TCP, USB x 2, VGA
- Modules can operate independently or be externally coupled to form redundant communications



Additional options

- Host (DCS/PLC) control via the Master Station IV Modbus DCS port or Modbus TCP/IP connection
- Direct control via the Master Station IV touch-panel (when supplied)

Both options provide:

- Network status
 - Actuator status
 - Control of all actuators on network
 - Valve emergency shutdown (ESD)
- Available in standard 24 VDC and 100–240 VAC with (optional) power supply
 - No batteries required

For more information, contact your local Limitorque distributor or visit www.flowserve.com.

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