



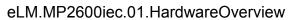
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eLM.MP2600iec.01.HardwareOverview



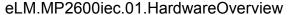
Hardware Overview

- 1. What software is used to program the MP2600iec?
 - A. MWIEC Express
 - B. MWIEC Pro
 - C. MW6
 - D. MW+
 - E. SigmaWin+
 - F. A, B, or C
 - G. A or B
 - H. All of the above
 - I. None of the above
- 2. What type of cable is required to connect a PC to the controller?
 - A. Straight-through or Crossover Ethernet
 - B. Straight-through Ethernet cable only
 - C. Crossover Ethernet cable only
 - D. Ethernet to Serial Converter
 - E. USB to USB-mini
 - F. Any of the above
 - G. None of the above
- 3. What options are available in the part number when ordering an SGDV amplifier with the MP2600iec option?
 - A. Number of Axes
 - B. External Encoder
 - C. EtherCAT
 - D. MotionWorks IEC Pro Software
 - E. MotionWorks IEC Express Software
 - F. All of the above
 - G. None of the above
- 4. For field replacements, how many part numbers are required?
 - A. 1 part number
 - B. 2 part numbers
 - C. 3 part numbers
- 5. What is OPC?
 - A. A widely used standard communication interface for factory automation
 - B. A widely used standard Ethernet Server used in factory automation



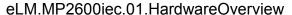


| О. | A. STOP B. SUP C. INIT D. CNFG E. E-INIT | oanei snouid be | F. G. H. | C and D C, D, and E All of the above None of the above |
|----|---|--------------------|-------------------------|---|
| 7. | What is the purpose of the bat A. Uninterruptible Power Supp B. Supply power to the LEDs C. Backup the Absolute Encod D. Supply power to the contro E. Backup the Retained Varia | oly der ller | F. G. H. I. | e controller (CN14)? Provides DC bus power A & B only C & E only All of the above None of the above |
| 8. | What I/O expansion options ar A. Mechatrolink I B. Mechatrolink II C. Ethernet D. USB | e available with | E. F. | MP2600iec? LIO-06 All of the above None of the above |
| 9. | What is the total number of procontroller, both CN1 and CN13 A. 7 B. 8 | | tal i | nputs (DI) available to the E. 15 F. 16 |
| 10 | What is the total number of procontroller, both CN1 and CN13A. 7B. 8 | | tal d | Dutputs (DO) available to the E. 15 F. 16 |
| | The MP2600iec supports which A. Sinking B. Sourcing C. All of the above D. None of the above The digital inputs and outputs configurable? A. CN1 B. CN2 C. CN3 D. CN4 E. CN7 | •, • | tor a F. G. H. | |





- 13. What type of command is sent from the MP2600iec to the Sigma-5 amplifier over dual port ram, and at what update rate?
 - A. Torque command @ 1ms to 4ms
 - B. Torque command @ 4ms to 20ms
 - C. Speed command @ 1ms to 4ms
 - D. Speed command @ 4ms to 20ms
 - E. Position command @ 1ms to 4ms
 - F. Position command @ 4ms to 20ms
- 14. Code, projects, and libraries are interchangeable between which Yaskawa controllers?
 - A. MP2300
 - B. MP2200
 - C. MP2300Siec
 - D. MP2310iec
 - E. MP940
 - F. MP2600iec
 - G. A, B, and C
 - H. C, D, and E
 - I. C, D and F
 - J. D. E. and F
 - K. All of the above
 - L. None of the above
- 15. How many servo axes can the MP2600iec control?
 - A. 1
 - B. 2
 - C. 4
 - D. 8
 - E. 16
- 16. How does application scan rate affect motion profile performance?
 - A. A higher application scan rate reduces motion profile performance
 - B. A lower application scan rate reduces motion profile performance
 - C. Application scan rate does not affect motion profile performance
 - D. None of the above
- 17. What types of applications can benefit from electronic camming?
 - A. Applications that require motion to be synchronized to other motions on the machine
 - B. Applications that require complex motion profiles
 - C. Simple point-to-point applications that require synchronization
 - D. Applications that move the motor based on time
 - E. All applications can benefit from electronic camming
 - F. A, B, and C





- 18. Which Sigma-5 tuning features are incorporated in the MP2600iec?
 - A. Anti-resonance Control
 - B. Virtual Axis
 - C. Camming
 - D. EN/ENO
 - E. All of the above
 - F. None of the above
- 19. Under what condition is Advanced Auto-Tuning required?
 - A. Settling time must be reduced
 - B. Load changes dynamically
 - C. Advanced Auto-Tuning is always required
 - D. None of the above