

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
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- ITAR-certified secure asset solutions

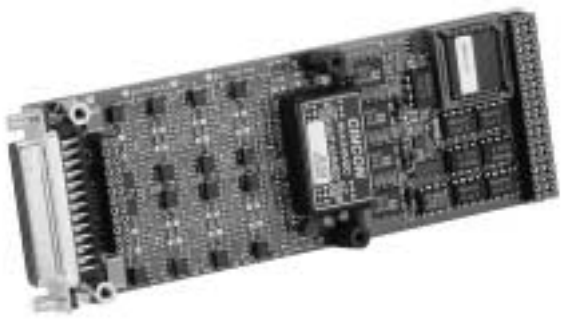
Expert team | Trust guarantee | 100% satisfaction

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M62 – 16 Analog Outputs

- 16 current or voltage outputs (different versions)
- 12 bits resolution
- 15 µs acquisition/conversion time
- Optical isolation



D/A Conversion

- 16 channels
- 12 bits
- Conversion time 15µs
- ±2 LSB gain

Voltage Output

- Output current: 2mA max.
- Output linearity: ±1 LSB
- Accuracy: ±0.2%, ±1 LSB differential
- Voltage ranges: 0..10V; -10V..+10V

Current Output

- Accuracy: ± 0.5%
- Current range : 4..20mA (other ranges possible on request)
- Max. output voltage 6V
- Max. load resistance 300 Ohm

Possible Configurations

- 16 voltage outputs
- 16 current outputs
- 8 voltage outputs
- 8 current outputs

Peripheral Connections

- Via front panel on a shielded 25-pin D-Sub receptacle connector
- Via carrier board (rear I/O)

M-Module Characteristics

- A08, D16, IDENT

Electrical Specifications

- Isolation voltage: 500V DC
- Supply voltage/power consumption:
  - +5V (4.85V..5.25V), 110mA typ. (without DC/DC converter), 560mA (with DC/DC, voltage outputs without load)
  - External supply ±15V: 04M062-01 (voltage output): +90mA typ., -25mA without load; 04M062-02 (current output): +129mA typ., -48mA without load
- MTBF: 560,000h @ 50°C

Mechanical Specifications

- Dimensions: conforming to M-Module Standard
- Weight: 100g

Environmental Specifications

- Temperature range (operation):
  - 0..+60°C
  - Industrial temperature range on request
  - Airflow: min. 10m³/h
- Temperature range (storage): -40..+85°C
- Relative humidity range (operation): max. 95% non-condensing
- Relative humidity range (storage): max. 95% non-condensing
- Altitude: -300m to + 3,000m
- Shock: 15g/0.33ms, 6g/6ms
- Vibration: 1g/5..2,000Hz

Safety

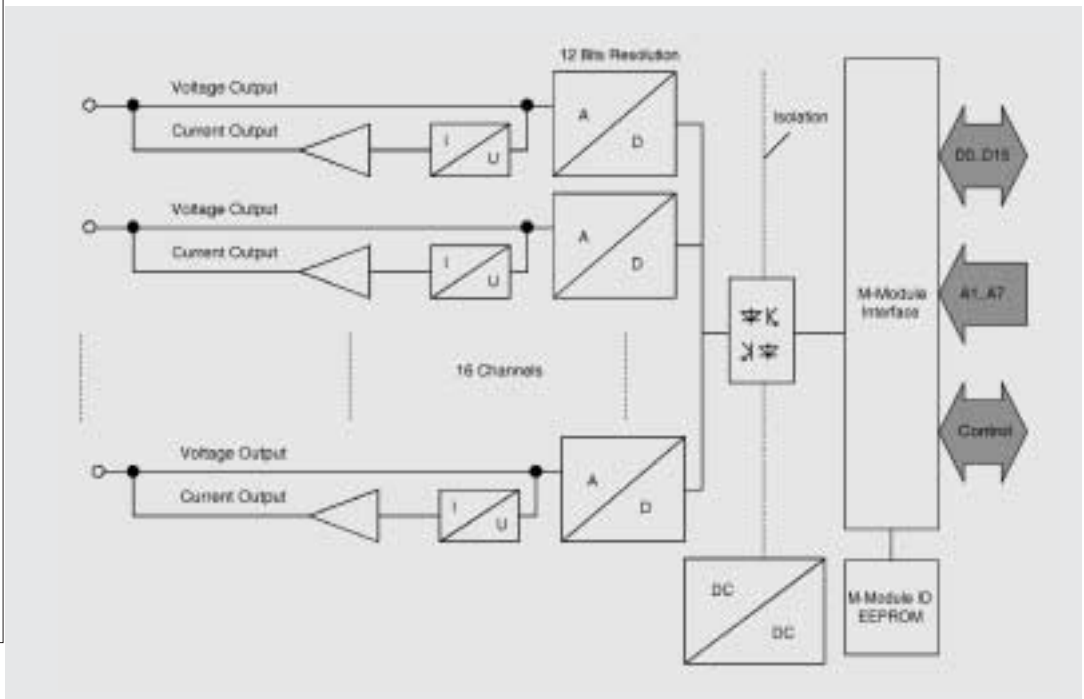
- PCB manufactured with a flammability rating of 94V-0 by UL recognized manufacturers

EMC

- Tested according to EN 55022 / 1999-05 (radio disturbance) and EN 55024 / 1999-05 (immunity) with regard to CE conformity

Software Support

- MEN Driver Interface System (MDIS for Windows, Linux, VxWorks, QNX, RTX, OS-9)



Artisan Technology Group is an independent supplier of quality pre-owned equipment

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