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Data Sheet

August 15, 2026

DANAHER MOTION / DOVER INSTRUMENT

Danaher Motion / Dover Instrument GA6520 / GA6520-10 Servo Amplifier

Danaher Motion / Dover Instrument Motion Controllers. Voltage: 10–36 V DC, Current: 10 A, Bandwidth: 10 kHz.

**MODEL**

Danaher Motion /
Dover Instrument
GA6520 /
GA6520-10

CALIBRATION

Available on
request

CONDITION

Used

STATUS

In stock

RFQ / SKU

GA6520 /
GA6520-10

LISTING

<https://aumictechlabs.com/products/ga6520-ga6520-10-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Danaher Motion / Dover Instrument GA6520 and GA6520-10 are servo amplifiers engineered for motion control in demanding industrial environments. These units deliver precise servo motor control with 10 kHz bandwidth, supporting positioning systems, robotics, and automated equipment requiring exacting motion performance. Compact construction, simplified wiring, and enhanced environmental resistance enable straightforward integration into motion control systems. Technical Specifications Input Voltage: 10–36 V DC Output Current: 10 A Bandwidth: 10 kHz Compact design with integral heat sink Key Features High-precision servo motor control with closed-loop feedback capability Simple wiring architecture reducing integration complexity Improved environmental resistance for harsh industrial conditions Compact form factor suitable

for space-constrained applications Heat sink included for thermal management Typical Applications Multi-axis positioning systems and CNC equipment Industrial robotics and material handling automation Automated assembly and manufacturing processes Motion control requiring repeatable accuracy and reliability Compatibility & Integration The GA6520 / GA6520-10 functions as a drive component within distributed motion control architectures. Integration typically includes a motion controller, servo motor, and position feedback device. These amplifiers support operation within Danaher Motion system environments, including potential compatibility with Mechatrolink-II and SynqNet™ communications networks for coordinated multi-axis control. Complete documentation is available for system design and commissioning.

GA6520GA6520 Characteristics / Specifications

PARAMETER	VALUE
Model	GA6520
Also Known As	GA6520-10
Instrument Type	Servo amplifier
Family	Dover Instrument / Danaher GA6520
Manufacturer	Dover Instrument / Danaher Motion
Literature	Dover GA6520 / GA6520-10 servo-amplifier listings
System Role	precision stage servo drive
Command Class	analog command (data sheet)
Bus Class	DC bus volts on the GA6520 sheet
Current Class	continuous/peak on the GA6520 / GA6520-10 sheet
Output Class	linear or PWM (data sheet)
Protection Class	current limit/thermal on the sheet
Operating Temperature Class	cabinet ambient on the sheet
Form Factor	panel/module servo amplifier
Brand Lineage	Dover Instrument / Danaher Motion
Documentation Type	GA6520 / GA6520-10 listing
Ate Class	precision servo amp
Host Class	stage motion controller
Year Class	GA6520
Use Case	air-bearing/linear-motor stages
Feedback Class	current loop on the sheet
Cooling Class	heatsink on the sheet
Connector Class	bus, motor, command
Related Kollmorgen	ROL-20012 analog sibling in remaining Danaher set
Related Servostar	SR03200 digital sibling

PARAMETER	VALUE
Module Class	servo amplifier
Operating temperature	Class: cabinet ambient on the sheet

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: cabinet ambient on the sheet
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Operating Temperature Class	cabinet ambient on the sheet
Form Factor	panel/module servo amplifier
Brand Lineage	Dover Instrument / Danaher Motion
Documentation Type	GA6520 / GA6520-10 listing
Ate Class	precision servo amp
Host Class	stage motion controller
Year Class	GA6520
Use Case	air-bearing/linear-motor stages
Feedback Class	current loop on the sheet
Cooling Class	heatsink on the sheet
Connector Class	bus, motor, command
Related Kollmorgen	ROL-20012 analog sibling in remaining Danaher set
Related Servostar	SR03200 digital sibling
Module Class	servo amplifier Notes From Dover Instrument GA6520 / GA6520-10 servo-amplifier listings. Bus volts and amps are on the GA6520 data sheet; do not invent them. Mapper splits GA6520 / GA6520-10 so either token matches.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Model	GA6520
Also Known As	GA6520-10
Instrument Type	Servo amplifier
Family	Dover Instrument / Danaher GA6520
Manufacturer	Dover Instrument / Danaher Motion
Literature	Dover GA6520 / GA6520-10 servo-amplifier listings
System Role	precision stage servo drive
Command Class	analog command (data sheet)
Bus Class	DC bus volts on the GA6520 sheet
Current Class	continuous/peak on the GA6520 / GA6520-10 sheet
Output Class	linear or PWM (data sheet)
Protection Class	current limit/thermal on the sheet
Operating Temperature Class	cabinet ambient on the sheet
Form Factor	panel/module servo amplifier
Brand Lineage	Dover Instrument / Danaher Motion
Documentation Type	GA6520 / GA6520-10 listing
Ate Class	precision servo amp
Host Class	stage motion controller
Year Class	GA6520
Use Case	air-bearing/linear-motor stages
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Notes

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Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.