

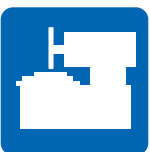


Inverter A1000
Inverter V1000
1000 Hz

A1000 and V1000 High Output Frequency Specification

- ▶ **Excellent motor drive performance:**
A1000 and V1000 are both compact size inverter drives running induction motors with an output frequency between 0.0 and 1000.0 Hz.
A1000 also runs permanent magnet motors (open loop).
- ▶ **Built-in functional safety features:**
The implemented Safe Torque Off (STO) function replaces output contactors and significantly improves machine safety and reliability and provides substantial cost reduction potentials.
- ▶ **Easy integration of PLC functionality:**
DriveWorksEZ creates a custom drive functionality with just some mouse clicks and by fast and intuitive programming.
- ▶ **Space saving and compact set-up:**
Outstanding power to size ratio and gapless side-by-side installation reduce the mounting space to a minimum.
- ▶ **Reliable operation:**
Long life design for 10 years of maintenance-free operation.
- ▶ **Fast Acceleration / Deceleration**
High peak current capability for rapid start and stop.
Time required for tool changes at spindles is minimised increasing the time-efficiency of machine cycles.

Applications



Spindle Drives for
Machine Tools



Drilling Machines

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Standard Specifications



Inputs	A1000	V1000
Multi functional digital inputs NPN-/PNP logic programmable	8	6
Multi functional pulse train input (up to 32 kHz)	HIGH level: 3.5 to 24 VDC LOW level: 0.0 to 0.8 VDC	HIGH level: 3.5 to 24 VDC LOW level: 0.0 to 0.8 VDC
Functional safety 2 Channel Safe Torque Off (EN ISO 13849-1, PLd)	✓	✓
Multi functional analog inputs	3	2

Analog Inputs A1000:
 A1: -10/0 ... 10 V
 A2: -10/0 ... 10 V or 0/4 ... 20 mA selectable
 A3: -10/0 ... 10 V selectable as PTC input

Analog Inputs V1000:
 A1: -10/0 ... 10 V
 A2: -10/0 ... 10 V or 0/4 ... 20 mA selectable

MEMOBUS/Modbus, RS232, USB,
 RS422/RS485 up to 115.2 kbaud,
 Termination resistor (120 Ω) switchable



Outputs	A1000	V1000
Fault output ¹ Relay / changeover contact programmable	✓	✓
Multi functional digital outputs	3	2
Multi functional pulse train output	✓	✓
Multi functional analog outputs	2	1
External Device Monitor Status for Safe Torque Off function	✓	-

¹ 30 VDC 10 mA ... 1A
 250 VAC 10 mA ... 1A



If you want to inquiry price, you can contact below:

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