Drive Output Attributes

These are the inverter output related attributes associated with a Motion Control Axis.

Output Frequency

Usage	Access	T	Data Type	Default	Min	Max	Semantics of Values
Required - F Optional - C	Get/GSV	T	REAL	-	-	-	Hertz

The Output Frequency attribute is the time averaged output frequency applied to motor. Frequency value is in terms of electrical cycles.

Output Current

Usage	Access	T	Data Type	Default	Min	Max	Semantics of Values
Required - D	Get/GSV	T	REAL	-	-	-	Amps (RMS)

The Output Current attribute is the total time averaged output current applied to motor.

Output Voltage

Usage	Access	T	Data Type	Default	Min	Max	Semantics of Values
Required - D	Get/GSV	T	REAL	-	-	-	Volts (RMS)

The Output Voltage attribute is the total time averaged phase-to-phase output voltage applied to motor.

Output Power

Usage	Access	T	Data Type	Default	Min	Max	Semantics of Values
Required - D	Get/GSV	T	REAL	-	-	-	Power Units

The Output Power attribute is the mechanical output power of the motor. This value represents the product of applied motor torque/force and motor speed. If the axis is configured for Frequency Control, the Velocity Feedback signal is derived from the Velocity Reference signal.

See also

Drive General Purpose I/O Attributes

Power and Thermal Management Configuration Attributes

- Select/Limit Instructions
- Sequential Function Chart (SFC) Instructions
- Statistical Instructions
- Safety Instructions
- Studio 5000 Logix Designer Glossary

How are we doing?