



CERUS INDUSTRIAL®

Excellence in Motor Controls

H Series VFD Quick Start Guide

Program Group	Local control	Remote control	Local speed ref.	Remote speed ref.	PID control	Fan & Pump
FU-93	If drive was used or you have some problems to run it reset all parameters to factory default settings.					Yes
DRV-00	Frequency Reference Display Set run speed (Hz)				Set PID set point. Pset x 60Hz/Pmax	OK
FUN-03	Run prevention. If your application does not require a reverse mode you can disable it.					Rev. Prevention
FUN-01	Frequency Reference Input		Keypad-1	V1 for 0-10V I for 4-20mA	Keypad-1	OK
FUN-25	If you need a minimum speed limit change it to "YES"				"NO" for PID control	Yes
FUN-27	If you need a minimum speed limit set the desired frequency in Fu1-34					20Hz
FUN-51	Electronic Thermal Protection (for motor protection)					Yes
FUN-50	Overload trip delay time					30 sec.
FUN-45	Stall prevention (current limiting parameter)					ACC+DEC+ Steady
FUN-60	Power on start (VFD will start every time when it is powered if start contact is closed)					Yes
FUN-59	Restart after fault reset (VFD will restart automatically after fault reset if start contact is closed).					Yes
FUN-55	IPF Speed search (VFD starts with spinning motor)					Yes
FUN-42	Number of auto restarts					3
FUN-43	Delay before restart. (Set a max. possible time for your application).					10
FUN-41	Inverter size in kW		HP=kW/ 0.75 and kW=HP x 0.75			kW
FUN-54	Number of motor poles P= 7200/ motor rpm					Poles
FUN-39	Put motor full load current from the motor name plate					Motor FLA
FUN-62	PID operation. If you use analog sensor.				Yes	OK
FUN-65	Feedback for PID control: select V1 for 0-10V or I for 4-20mA. Signal from a pressure transducer.					OK
FUN-02	Keypad	Terminal-1	Drive control Start/Stop			OK

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