



ORCA VFD SETTINGS

DANFOSS FC101

Parameters	Description	Danfoss Default	Orca Set-up	COMMISSIONING DATA		
				//	//	//
0-03	Regional Settings	[0] International	[0] International			
1-00	Configuration Mode	[0] Open Loop	[0] Open Loop			
1-03	Torque Characteristics	[1] Variable Torque	[1] Variable Torque			
1-20	Motor Power [kW]	Depends On Pump size	Motor Name Plate			
1-22	Motor Voltage [Volts]	Depends On Pump size	Motor Name Plate			
1-23	Motor Frequency [Hz]	50Hz	Motor Name Plate			
1-24	Motor Current [Amps]	Depends On Pump size	Motor Name Plate			
1-25	Motor Nominal Speed [RPM]	Depends On Pump size	Motor Name Plate			
3-03	Maximum Reference	50.00	50.00			
3-11	Jog Speed (Hz)	5.0Hz	50 Hz			
3-15	Reference 1 Source	[1] Analogue Input 53	[1] Analogue Input 53			
3-16	Reference 2 Source	[2] Analogue Input 54	[2] Analogue Input 54			
3-41	Ramp 1 Ramp Up Time	3.00 Sec	1,00 Sec			
3-42	Ramp 1 Ramp Down Time	3.00 Sec	5.00 Sec			
3-80	Jog Ramp Time	3.00 Sec	5.00 Sec			
4-14	Motor Speed High Limit	65.0 Hz	50.0 Hz			
5-12	Terminal 27 Digital Input	[2] Coast Inverse	[3] Coast and Reset Inverse			
5-13	Terminal 29 Digital Input	[14] Jog	[14] Jog			
5-40 [0]	Relay 1 Function	[9] Alarm	[160] No Alarm			
5-40 [1]	Relay 2 Function	[0] No Operation	[9] Alarm			
6-10	Terminal 53 Low Voltage	0.07 V	0.00 V			
6-11	Terminal 53 High Voltage	10.0 V	10.0 V			
6-14	Terminal 53 Low Reference Feedback Value	0.000Hz	0.000Hz			
6-15	Terminal 53 High Reference Feedback Value	50.000Hz	50.000Hz			
8-01	Control Site	[0] Digital and Control Word	[0] Digital and Control Word			

TO RESET THE FC101 TO FACTORY SETTINGS
Parameter 14.22 (2) Enter and then power down and back up again