

4DX ERROR CODE : OD2 Controller

Compatibility (Firmware 0.49 or Later)

Error Part	Error Code	Description	Probable Cause	First Action	Trouble Shooting
	4C3 (84C3)	Under-voltage Error after initialization of motor	Wrong Input Power		<ol style="list-style-type: none"> 1. Check input power (210~230v) 2. Check whether Trans Input Terminal is connected appropriately according to the main input power voltage
	8C3 (88C3)	Power Module Error	IPM fault Error	Power Reset	Replace the Motor Driver
	1C3 (81C3)	During Running (operation) ... Detect Bottom Sensor	Bottom Sensor / Motor Driver / DSP Board's fault	Power Reset	<ol style="list-style-type: none"> 1. Check Bottom Sensor (cable, cleanness, etc) 2. Replace Motor Driver 3. Replace DSP Board
	40C3 (C0C3)	Over-voltage Error after initialization of motor	Wrong Input Power		<ol style="list-style-type: none"> 1. Check input power (210~230v) 2. Check whether Trans Input Terminal is connected appropriately according to the main input power voltage
	10C3 (90C3)	Over Current Error after initialization of motor	Wrong Input Power / Actuator / Motor Driver		<ol style="list-style-type: none"> 1. Check input power (210~230v) 2. Check whether Trans Input Terminal is connected appropriately according to the main input power voltage 3. Check the load condition of Motion chair 4. Replace the Actuator if there is abnormal noise 5. If this error happens frequently, replace Motor drive
	10AE	Over Current Error after initialization of motor	Actuator / Motor Driver		<ol style="list-style-type: none"> 1. Check if there is any physical damage on the Actuator and Motor 2. If there is no damage on those parts, replace Motor Driver 3. If the error continues, replace the Actuator
	F100	Position command deviation Error	Actuator	Power Reset	<ol style="list-style-type: none"> 1. Power reset (rebooting) 2. Replace the Actuator
	F200	Position command deviation Error after initialization of Actuator	Actuator / Motor Driver		<ol style="list-style-type: none"> 1. Replace the Motor Driver 2. Replace the Actuator
	F800	Voltage Error on DSP Board	SMPS		<ol style="list-style-type: none"> 1. Check the Voltage on SMPS 2. If the Voltage is detected between 12v~13v, it is ok 3. If not, replace the SMPS
	FF00	Encoder cable is not connected	Cable connection failure		Check Encoder cable connection to Motor Driver
	FFF8	Trying to initialize when there is no Main Input Power	Motor Driver fault	Power Reset	If this error happens frequently, replace Motor Driver
	FFFE	During initialization, Bottom Sensor not detected	Bottom Sensor	Power Reset	<ol style="list-style-type: none"> 1. Check the Bottom Sensor's condition 2. Replace the Bottom Sensor