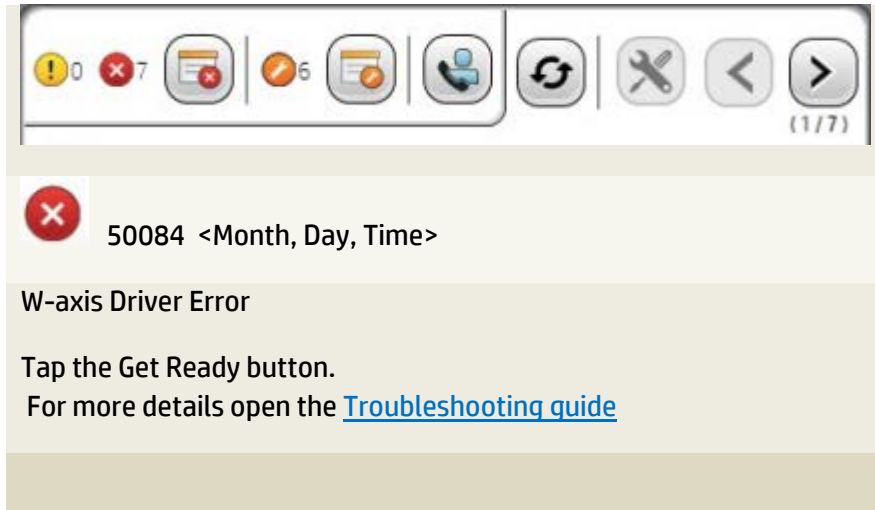


FB10000 Error Messages Troubleshooting

Error ID: 50084 – Media Handling – W-axis Driver Error

Error Message:



Possible Causes

- [Supply voltage](#)
- [Wiring](#)
- [Faulty sensor](#)
- [Mechanical problem](#)

Recommended actions

Supply voltage

1. Verify that the 80Vdc power suppliers in the REC provides the correct output voltage



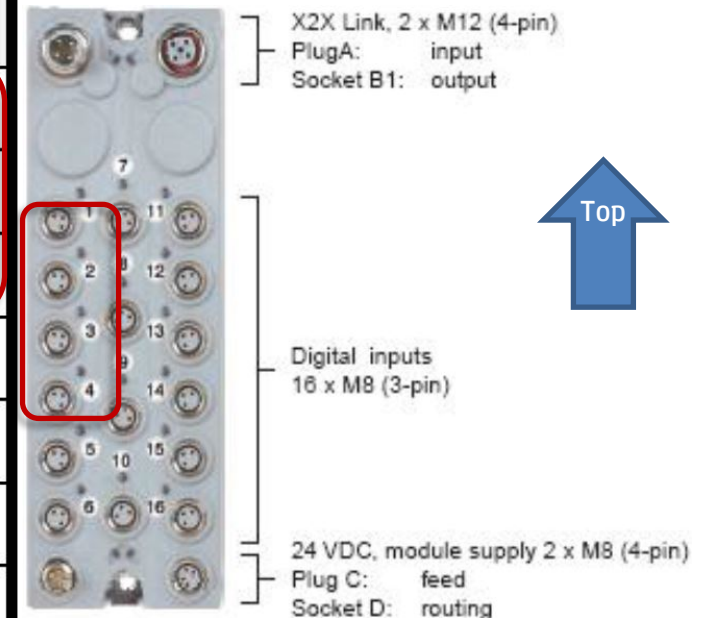
2. Verify that the driver has the correct input voltage



Wiring

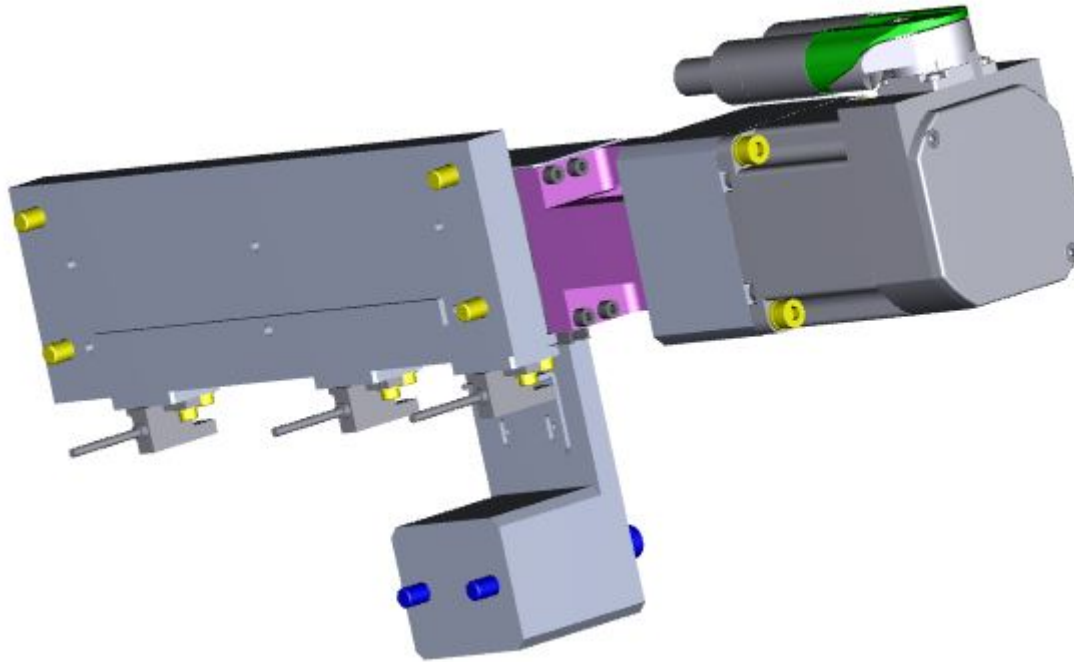
1. Make sure all connections on the driver are well fastened
2. Make sure all connections on the motor are well fastened
3. Make sure that the Input Module 8DI1 (X67DI1371.L08) – ST11 have the following sensors well connected:

Input Module 8DI1 (X67DI1371.L08) – ST11					
Green = LED ON Gray = LED OFF					
Note:					
Input LEDs may change status (Green/Gray) during the printer normal job with respect to application demand					
Sensor flag - in (sensor activated) Sensor Led - OFF Digital Input Led -OFF	Sensor flag - out (sensor deactivated) Sensor Led - ON (Light) Digital Input Led - ON (Light)	1	CX161-01140	W axis, Limit P	1
Sensor flag - in (sensor activated) Sensor Led - OFF Digital Input Led -OFF	Sensor flag - out (sensor deactivated) Sensor Led - ON (Light) Digital Input Led - ON (Light)	2	CX161-03790	W axis, Limit N	2
Sensor flag - in (sensor activated) Sensor Led - OFF Digital Input Led -OFF	Sensor flag - out (sensor deactivated) Sensor Led - ON (Light) Digital Input Led - ON (Light)	3	CX161-03800	W axis, Limit Home	3
Sensor flag - in (sensor activated) Sensor Led - OFF Digital Input Led -OFF	Sensor flag - out (sensor deactivated) Sensor Led - ON (Light) Digital Input Led - ON (Light)	4	CX161-03850	Unloader Beam, Left limit, Down (P)	4
Sensor flag - in (sensor activated) Sensor Led - OFF Digital Input Led -OFF	Sensor flag - out (sensor deactivated) Sensor Led - ON (Light) Digital Input Led - ON (Light)	5	CX161-01290	Unloader Beam, Left limit, Up (N)	5
Sensor flag - in (sensor activated) Sensor Led - OFF Digital Input Led -OFF	Sensor flag - out (sensor deactivated) Sensor Led - ON (Light) Digital Input Led - ON (Light)	6	CX161-01260	Unloader Beam, Right limit, Down (P)	6
Sensor flag - in (sensor activated) Sensor Led - OFF Digital Input Led -OFF	Sensor flag - out (sensor deactivated) Sensor Led - ON (Light) Digital Input Led - ON (Light)	7	CX161-03840	Unloader Beam, Right limit, Up (N)	7
Sensor flag - in (sensor activated) Sensor Led - OFF Digital Input Led -OFF	Sensor flag - out (sensor deactivated) Sensor Led - ON (Light) Digital Input Led - ON (Light)	8	CX161-02680	Sol & Tetris Piston Up (SNS1)	8
Sensor flag - in (sensor activated) Sensor Led - OFF Digital Input Led -OFF	Sensor flag - out (sensor deactivated) Sensor Led - ON (Light) Digital Input Led - ON (Light)	9	CX161-02690	Sol & Tetris Piston Down (SNS2)	9



Faulty sensor

1. Make sure that the 3 sensors of the W motors are functioning. Do this by triggering the sensors with a spacer.



Mechanical problem

1. Make sure that there is nothing preventing the motor and the linear bearings from moving freely
2. Make sure the lead screw and the bearing are not worn out

