

“OTC column stuck in upper position”

APPLICABLE TO:	Precision system
ERROR MESSAGE:	[No error message present]
INFORMATION:	This instruction covers how you move the column downwards again in case it is stuck in upper position.

HOW THE AFFECTED FUNCTIONALITY IN THE SYSTEM SHOULD WORK:

When powered on it should always be possible to maneuver the OTC up and down from the handlebar. This is not depending on certain modes or protocol settings.

SYMPTOMS OF THIS ERROR:

OTC column is stuck in its upper position. It is not possible to drive it down.

POSSIBLE CAUSES:

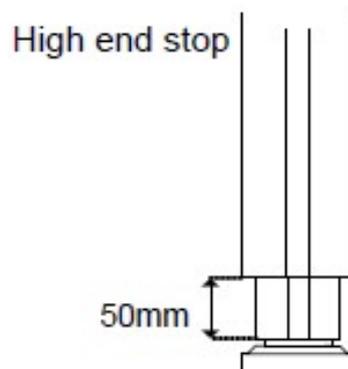
- OTC has been driven into its mechanical end stop. The upper software end stop has been removed or calibrated incorrectly.
- OTC has been driven into its mechanical end stop from service mode where software end stops are overridden.

OTC Z high end stop

Note!

The Z high end stop is calibrated from factory, only perform the calibration if necessary.

The correct position for setting the high end stop is shown in the picture below.

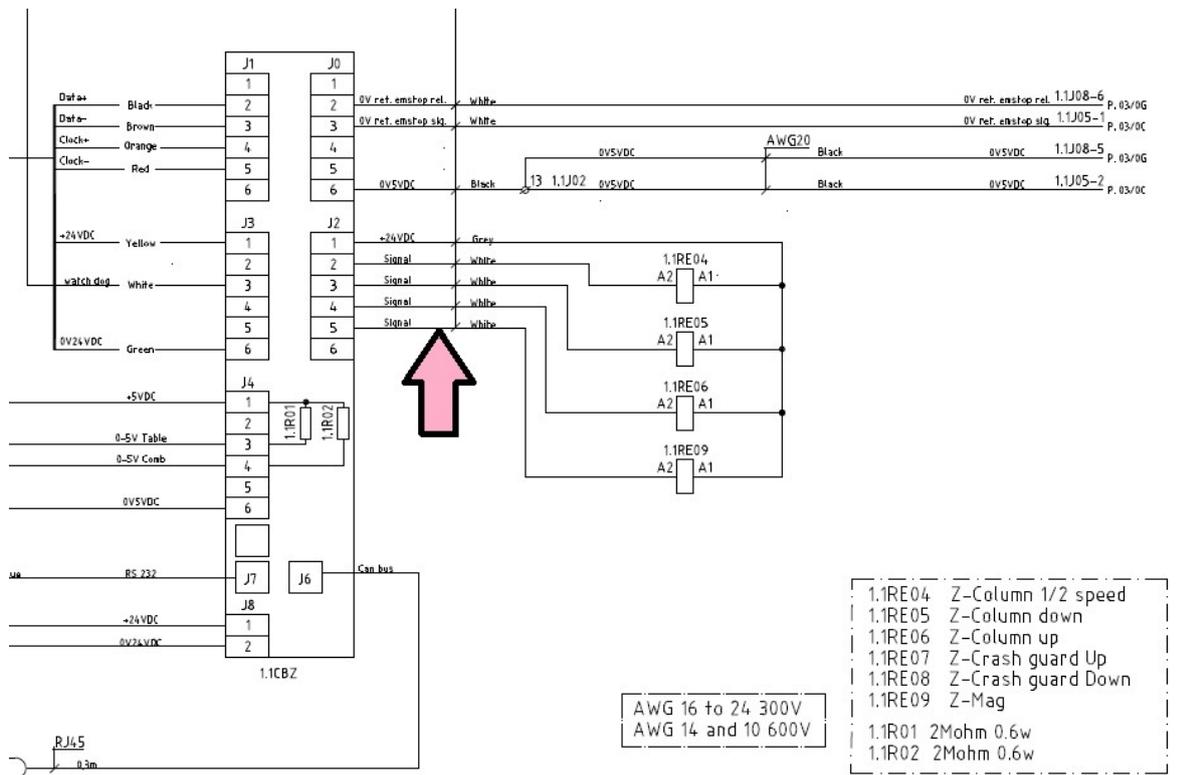


ACTION STEPS:

Driving down using the frequency converter 1.2FRE01

See WRD-0073_CS_2 in the Installation & Service manual for reference.

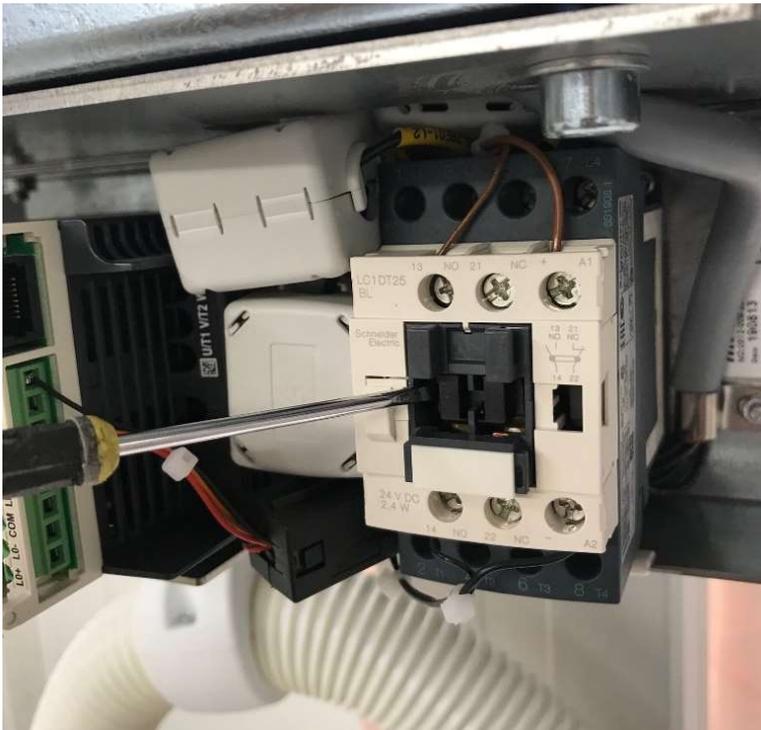
Move cable on 1.1CBZ J2-5 to 1.1CBZ J2-6 to activate relay 1.1RE09 (Z-Mag) and release the column magnet brake.



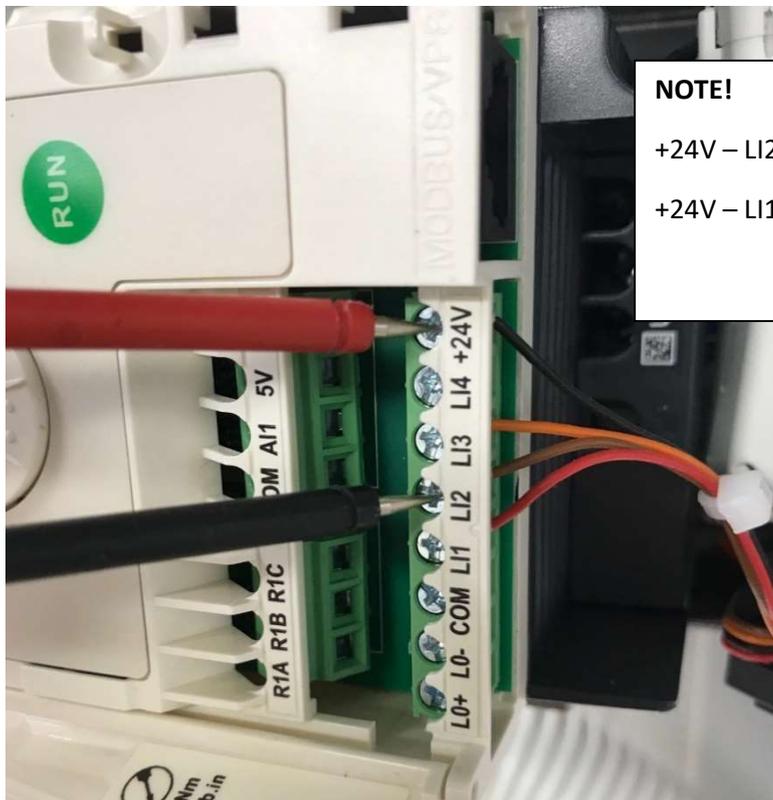
1. Make sure the frequency converter is in Ready state (rdy) as shown in the picture.



2. Use a screwdriver to keep 1.2RE01 activated.



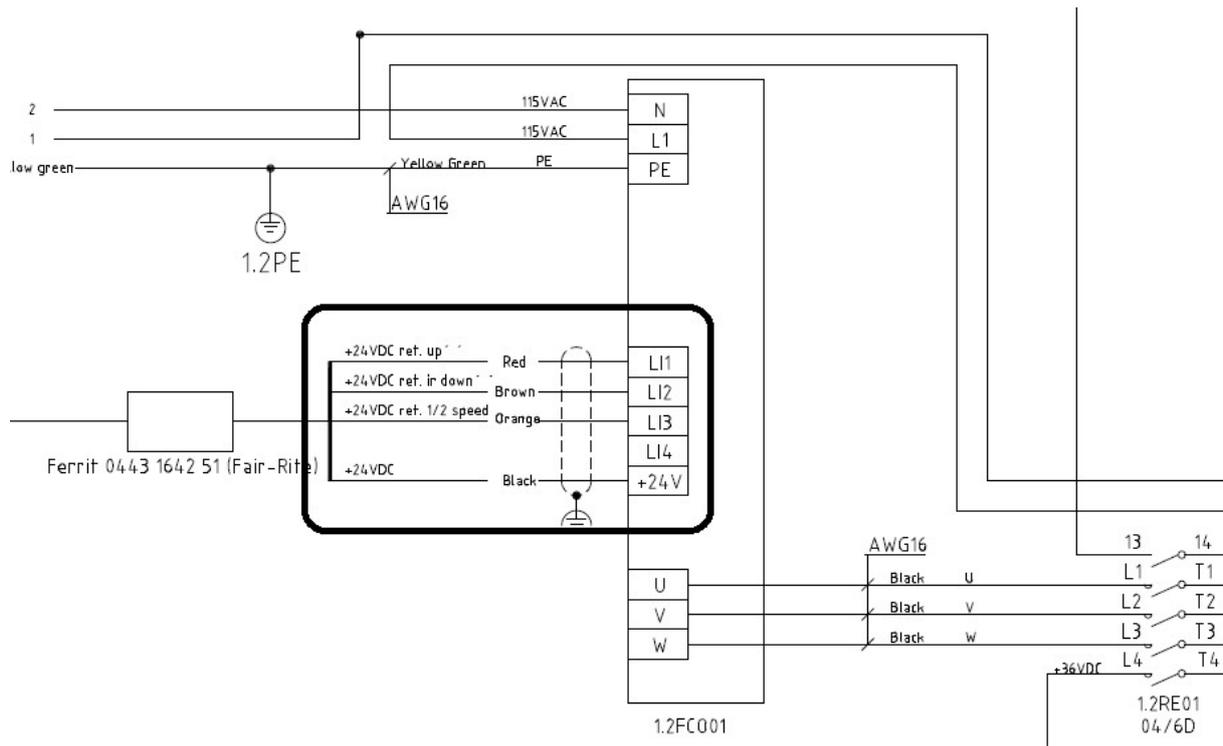
3. Connect a wire bridge between +24V (black cable) to LI2 (brown cable) to move down.



NOTE!

+24V - LI2 => Movement DOWN

+24V - LI1 => Movement UP



4. If movement issues remain after successfully have moved the column down from its uppermost position, use trouble shooting guide 0200-095-208 for further reference.

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