

ZONESTAR



How to install and use Filament Run Out Detector Ver: 2.0

For FROD V4

Wiring

Refer to the wiring diagram in installation/user manual to connect the FROD.

For Z5/Z5X/Z6/Z8T , there is a 2-PIN connector with the extruder motor wire, it has a label **FROD**, connect this connector to the FROD (fig1)

For Z9, connect the 3PIN wire of FROD to the X+ connector of the control board(fig2).

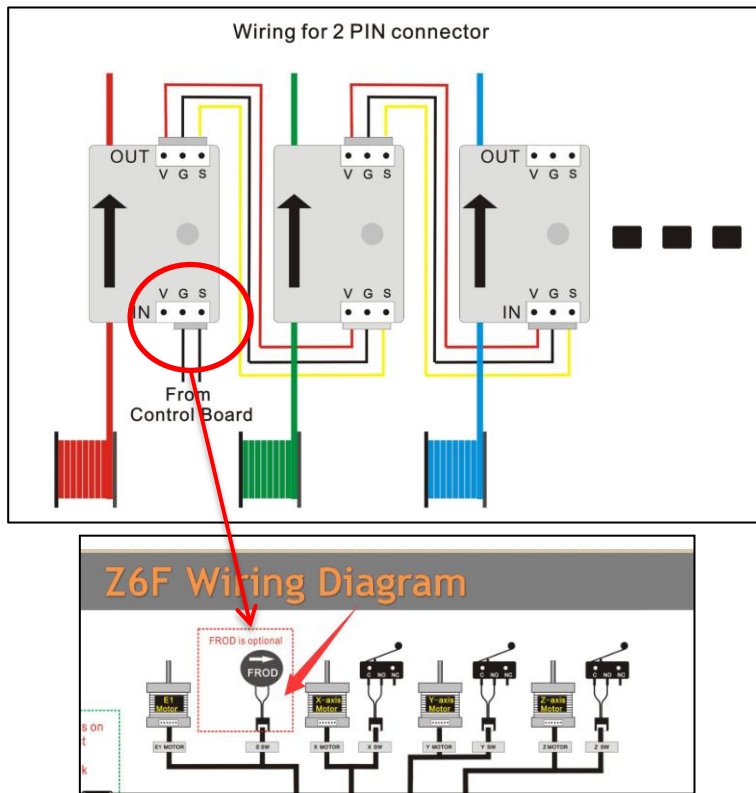


fig1

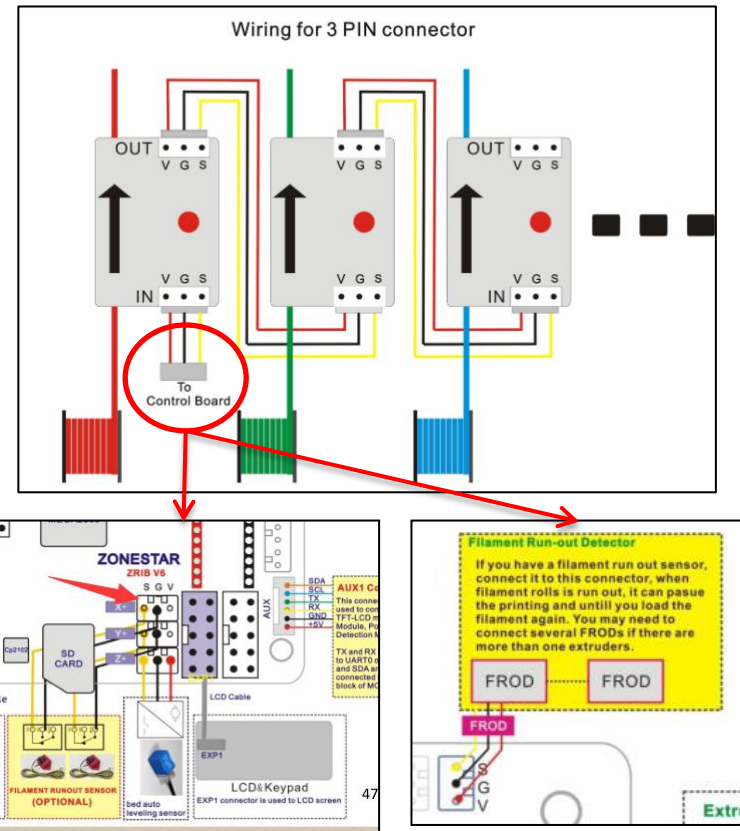


fig2

Install and Operation

1. Let the filament through to the FROD and enter the extrusion feeder (Fig 3).
2. Print from Sdcard, once filament roll is run out, printing will be paused, and filament will be returned from extrusion feeder automatically .
3. Pulled out filament from the extrusion feeder. Insert a new filament roll into the extrusion feeder until you can see it in the filament guide tube, press the button on control panel, printer will feed the filament into hotend automatically.
4. Note whether the filament is flowed out from the nozzle. If not, continue to feed the filament by executing “**Extrude more**” command on LCD MENU.
5. Use tweezers to remove filament from nozzle and then select “**Resume print**” to continue printing.

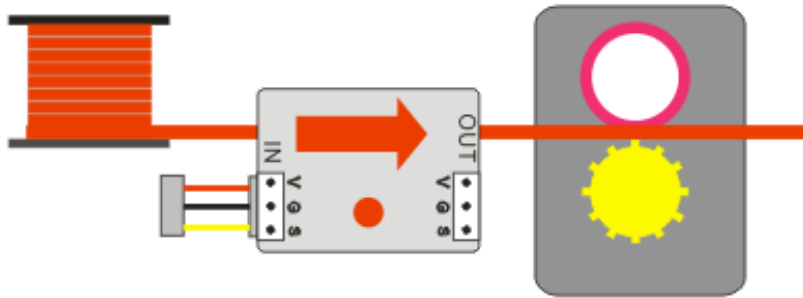


Fig 3



Fig 4