RAMES

3D Printer Parts Mechanical End Stop



• CNC 3D Printer Mech Endstop Switch uses a lever switch to detect when it is activated. The switch is wired up so that when activated,
• it pulls the signal to LOW. There is also an LED on the board that will light up when the switch is activated.
• It uses a standard 4 pin 100″ pitch header and accepts a standard, old-style CD-ROM audio connector cable.
• The mechanical endstop is a simple solution to a simple problem. We want to be able to detect when an X/Y/Z stage has reached its minimum or maximum.
• Instead of messing with flags or complicated light beam interruption, we use a mechanical switch.
• If we place the switch in the path of the stage, then the stage itself will simply close the switch when it moves against it.
• Other than properly positioning the switch, we do not need to modify the stage at all. If you’re worried about reliability, you can sleep well at night.
• The switches we use are rated for 1 million operations before failure.
• Wire type: 22AWG
• Working voltage: 300V
• Working Current: 2A
• Temperature resistance: 80° C
• Cable length: 70cm