

Apex Facts

25.4um = .001"

.0254mm = .001"

1um = 39.37×10^{-6} "

When the manual button is pushed the system ignores commands from the tracker/servo.

- Focus

- Limits switches are at 22.865mm - -5.01Vdc
89.911mm. - 7.60Vdc
- There are 5317 counts/volt
- The voltage range on the pot is +/-10V.
 - The power is supplied by the +/-15V supply.
 - There are 2 2.5K resistors on the inputs to divide the voltage down.
 - The wiper wire is red. The 2 side wires are yellow and green.
 - The pot part number is 80294-2.
- The voltage of the focus pot before this project was 7.16Vdc.
- The focus axis uses a 12A8 pwm amplifier.

- NS and -EW

- There are 1205 counts/volt
- The voltage of the EW LVDT before this project was 0Vdc.
- The voltage of the NS LVDT before this project was -0.4Vdc.
- Both the EW and NS use TA100 linear amplifiers.