If Moving up then

Set the focuser position to zero

Else

Set the focuser position to the maximum

stepsRemaining = target

while(stepsRemaining != 0)

if(Math.Abs(StepsReaming) < maxPos

Do the move

stepsRemaining = 0

Else

Switch(Math.Sign(stepsRemaining))

Case 1:

// Moving up

Move to maxPos

Wait for Move to complete

Reset focuser position to zero

stepRemaining -= maxPos;

Case -1:

// Moving Down

Move to 0

Wait for Move to complete

Reset focuser position to maxPos

stepRemaining += maxPos; // since steps remaining is negative

Case 0:

// Error , since steps remaining shouldn’t be zero