QUIPP

AC Tach Generator Converter Notes

PROBLEM: Adding analog to digital converter for stackers.

1. Connect the two wires and shield from connector J-6 to the input terminal strip. The polarity makes no difference.

2. Connect a 3 wire shielded cable from the output terminals to TB-1 as follows:

A to D output	Wire	TB-1
0 volts	Black	0 volts
12 vdc power	Red+	12 vdc
signal	clear	terminal 1 (remove any existing wire)
shield	shield	0 volts

3. Calibrate as follows: Turn on the stacker power. The LED on TB-1, should blink very slowly. Set the minimum Infeed Speed to 140 FPM. Start the stacker. Operate the upstream conveyor at a constant speed above 140 FPM. Turn the pot on the Tach Generator Converter kit until the Stacker infeed belts are at the same speed (or slightly faster) as the upstream conveyor. Return the Minimum infeed Speed to the desired setting.