The Application Note is pertinent to the Focus 3 Family

Focus 3 Drive with Local / Remote Control Modes

There are many applications which require the ability to control the speed of a DC motor both locally and remotely. This application note shows how to configure a Focus 3 enclosed, non-regen drive mounted by the machine for a local and remote control mode. Two scenarios will be shown:

1. The local control mode uses a speed reference potentiometer and start / stop switch (located on the drive enclosure) and the remote mode uses a 4-20 milliamp speed reference and a PLC open collector start signal.

2. The local control mode uses a speed reference potentiometer and start / stop switch and the remote mode uses a remote Operator Station with a speed reference potentiometer speed reference and 115vac Start/Stop pushbuttons.

The optional components required are the F3TS Local/Remote toggle switch (to be mounted on the drive enclosure) and the F3NSBD isolator board (to be mounted on the inside of the front cover). A requirement in both scenarios is that the stop switch on the front of the drive can lock out all starts.

For additional information on the Focus 3 isolator, refer to CTIS 104

Questions: Ask the author ??
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**Note: Set voltage follower gain potentiometer fully clockwise. See page 40 in the New Focus 3 User Guide for the location of this potentiometer**
This Remote Operator Station p/n 2950-9066-01 along with shielded cable and 120 vac Control Transformers are available from:

Control Techniques Service Center
1-800-367-8067

**Note: Set voltage follower gain potentiometer fully clockwise. See page 40 in the New Focus 3 User Guide for the location of this potentiometer.**