A2110E Motor Controller with Remote 4-20mA I/O

Supplemental Operating Instruction to the 553M

Modifications to A2110E for Remote I/O

This document describes modifications made to the A2110E Motor Controller for use with remote I/O.

1. The motor control module documented within the 553M A2110E operating manual has been removed and replaced by a West Instruments 6010 controller. At the end of this document is a list of defaults specified by Company which differ from the West Instrument defaults listed in the 6010 manual.

2. The West Instruments meter is used to display the RPM which is picked up on the stirring system of the reactor.

3. Two BNC connections located on the rear panel of the controller have been provided. These connections are used for 4-20mA analog input and output signals, center positive.

4. The Analog Input signal is used for external control of the motor controller when the Local/Remote switch is in the Remote position.

5. The Analog Output signal represents a 4-20mA signal directly proportional to the stirring speed seen on the West Instruments Meter.

   Note:

   4mA = 0 RPM

   20mA = 2200 RPM

6. This custom controller is not equipped with PC communications as stated within the 553M A2110E operating manual.

West 6010 Defaults

Select Mode *Unlock codes*		
OPtr	=	None
SEtP	=	10
ConF	=	20
info	=	None

Configuration Mode		
inPt	=	0_5
ruL	=	2206
rLL	=	0
dPoS	=	0
MPS	=	disA
ALA1	=	nonE
USE1	=	rEtP
tYP1	=	4_20
ro1H	=	2206
ro1L	=	0
diSP	=	0