

MT300 Setup Worksheet

Prompt	Description	Selection
INPUTS	Choose the sensor types attached to each input channel.	Channel 1: OFF <input type="checkbox"/> Pt 100 <input type="checkbox"/> Pt 1000 <input type="checkbox"/> E <input type="checkbox"/> EA (Type K) <input type="checkbox"/> E (Type E) <input type="checkbox"/> Channel 2: OFF <input type="checkbox"/> Pt 100 <input type="checkbox"/> Pt 1000 <input type="checkbox"/> E <input type="checkbox"/> EA (Type K) <input type="checkbox"/> E (Type E) <input type="checkbox"/> Channel 3: OFF <input type="checkbox"/> Pt 100 <input type="checkbox"/> Pt 1000 <input type="checkbox"/> E <input type="checkbox"/> EA (Type K) <input type="checkbox"/> E (Type E) <input type="checkbox"/>
OFFSET	Set the amount of offset in degrees each input channel should apply.	Channel 1: ____ (-100 to 100) Channel 2: ____ (-100 to 100) Channel 3: ____ (-100 to 100)
SCALE	Choose the temperature scale for the MT300.	C <input type="checkbox"/> F <input type="checkbox"/>
CHdI SP	Choose how the MT300 displays channels.	Any <input type="checkbox"/> CYCLE <input type="checkbox"/> HI <input type="checkbox"/> LO <input type="checkbox"/>
4-20	Configure the 4-20mA loop output on the MT300.	Power: LOOP <input type="checkbox"/> Int <input type="checkbox"/> Channel: HI <input type="checkbox"/> LO <input type="checkbox"/> CH1 <input type="checkbox"/> CH2 <input type="checkbox"/> CH3 <input type="checkbox"/> Zero: ____ (-50C/-58F to 250C/482F) Span: ____ (varies based on Zero value)
SILEnt	Set the number of minutes the MT300 will remain silent when the SILENCE button is pressed.	_____ (0 = disable, and 1 to 120 minutes)
1 tRIP A	Configure the first trip for Channel 1	S: EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/> E: EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/> F: EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/> A: EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/> t: EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/> b: EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/> S: ____ (Setpoint) OUEr <input type="checkbox"/> UndEr <input type="checkbox"/> CANCEL <input type="checkbox"/> hYSt <input type="checkbox"/> H: ____ (Hysteresis)

Prompt	Description	Selection
1 t r I P b	Configure the second trip for Channel 1	S: EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/> E: EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/> F: EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/> A: EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/> t: EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/> b: EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/> S: __ (Setpoint) DuEr <input type="checkbox"/> UndEr <input type="checkbox"/> CAncEL <input type="checkbox"/> hYSt <input type="checkbox"/> H: __ (Hysteresis)
1 t r I P c	Configure the third trip for Channel 1	S: EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/> E: EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/> F: EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/> A: EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/> t: EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/> b: EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/> S: __ (Setpoint) DuEr <input type="checkbox"/> UndEr <input type="checkbox"/> CAncEL <input type="checkbox"/> hYSt <input type="checkbox"/> H: __ (Hysteresis)
2 t r I P A	Configure the first trip for Channel 2	S: EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/> E: EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/> F: EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/> A: EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/> t: EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/> b: EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/> S: __ (Setpoint) DuEr <input type="checkbox"/> UndEr <input type="checkbox"/> CAncEL <input type="checkbox"/> hYSt <input type="checkbox"/> H: __ (Hysteresis)
2 t r I P b	Configure the second trip for Channel 2	S: EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/> E: EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/> F: EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/> A: EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/> t: EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/> b: EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/> S: __ (Setpoint) DuEr <input type="checkbox"/> UndEr <input type="checkbox"/> CAncEL <input type="checkbox"/> hYSt <input type="checkbox"/> H: __ (Hysteresis)
2 t r I P c	Configure the third trip for Channel 2	S: EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/> E: EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/> F: EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/>

Prompt	Description	Selection
		<i>A</i> : EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/> <i>t</i> : EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/> <i>b</i> : EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/> <i>S</i> : ____ (Setpoint) <i>QuEr</i> <input type="checkbox"/> <i>UndEr</i> <input type="checkbox"/> <i>CAnCEL</i> <input type="checkbox"/> <i>hYSt</i> <input type="checkbox"/> <i>H</i> : ____ (Hysteresis)
3 t r i P A	Configure the first trip for Channel 3	<i>S</i> : EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/> <i>E</i> : EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/> <i>F</i> : EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/> <i>A</i> : EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/> <i>t</i> : EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/> <i>b</i> : EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/> <i>S</i> : ____ (Setpoint) <i>QuEr</i> <input type="checkbox"/> <i>UndEr</i> <input type="checkbox"/> <i>CAnCEL</i> <input type="checkbox"/> <i>hYSt</i> <input type="checkbox"/> <i>H</i> : ____ (Hysteresis)
3 t r i P b	Configure the second trip for Channel 3	<i>S</i> : EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/> <i>E</i> : EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/> <i>F</i> : EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/> <i>A</i> : EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/> <i>t</i> : EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/> <i>b</i> : EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/> <i>S</i> : ____ (Setpoint) <i>QuEr</i> <input type="checkbox"/> <i>UndEr</i> <input type="checkbox"/> <i>CAnCEL</i> <input type="checkbox"/> <i>hYSt</i> <input type="checkbox"/> <i>H</i> : ____ (Hysteresis)
3 t r i P c	Configure the third trip for Channel 3	<i>S</i> : EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/> <i>E</i> : EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/> <i>F</i> : EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/> <i>A</i> : EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/> <i>t</i> : EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/> <i>b</i> : EnAbLE <input type="checkbox"/> di SAbl <input type="checkbox"/> <i>S</i> : ____ (Setpoint) <i>QuEr</i> <input type="checkbox"/> <i>UndEr</i> <input type="checkbox"/> <i>CAnCEL</i> <input type="checkbox"/> <i>hYSt</i> <input type="checkbox"/> <i>H</i> : ____ (Hysteresis)
SErI AL	Configure the serial communication parameters.	Node ID: ____ Bitrate: 300 <input type="checkbox"/> 1200 <input type="checkbox"/> 2400 <input type="checkbox"/> 4800 <input type="checkbox"/> 9600 <input type="checkbox"/> 19200 <input type="checkbox"/> 38400 <input type="checkbox"/> USB <input type="checkbox"/>
FAn EH	Configure the Fan Exerciser.	<i>P</i> : ____ (0 = disable, and 1 to 60 days) <i>d</i> : ____ (1 to 120 minutes)
FAn tD	Set the Manual Fan timeout.	____ (0 = disable, and 1 to 120 minutes)

Prompt	Description	Selection
<i>rA rLY</i>	Configure the reverse acting relays.	<i>F: EnAbLE</i> <input type="checkbox"/> <i>di SAbl</i> <input type="checkbox"/> <i>A: EnAbLE</i> <input type="checkbox"/> <i>di SAbl</i> <input type="checkbox"/> <i>t: EnAbLE</i> <input type="checkbox"/> <i>di SAbl</i> <input type="checkbox"/>
<i>brl tE</i>	Set the brightness of the LED display.	High <input type="checkbox"/> Medium <input type="checkbox"/> Low <input type="checkbox"/> (Adjusted blindly with UP and DOWN buttons)
<i>PASS</i>	Sets the access passwords for the MT300 configuration menus.	<i>P: _____</i> (0001 to 9999, 0000 is disable) <i>S: _____</i> (0001 to 9999, 0000 is disable)
<i>OUtErr</i>	Configure the relays, Buzzer, and 4-20 Loop behavior during an A/D failure.	<i>F: OFF</i> <input type="checkbox"/> <i>On</i> <input type="checkbox"/> <i>n-C</i> <input type="checkbox"/> <i>A: OFF</i> <input type="checkbox"/> <i>On</i> <input type="checkbox"/> <i>n-C</i> <input type="checkbox"/> <i>t: OFF</i> <input type="checkbox"/> <i>On</i> <input type="checkbox"/> <i>n-C</i> <input type="checkbox"/> <i>b: OFF</i> <input type="checkbox"/> <i>On</i> <input type="checkbox"/> <i>n-C</i> <input type="checkbox"/> <i>L: 3.50</i> <input type="checkbox"/> <i>20.50</i> <input type="checkbox"/> <i>n-C</i> <input type="checkbox"/>
<i>OUtSt</i>	Configure the relays, Buzzer, and 4-20 Loop behavior during Test Mode.	<i>F: OFF</i> <input type="checkbox"/> <i>On</i> <input type="checkbox"/> <i>n-C</i> <input type="checkbox"/> <i>A: OFF</i> <input type="checkbox"/> <i>On</i> <input type="checkbox"/> <i>n-C</i> <input type="checkbox"/> <i>t: OFF</i> <input type="checkbox"/> <i>On</i> <input type="checkbox"/> <i>n-C</i> <input type="checkbox"/> <i>b: OFF</i> <input type="checkbox"/> <i>On</i> <input type="checkbox"/> <i>n-C</i> <input type="checkbox"/> <i>L: _____</i> (loop current in mA) <input type="checkbox"/> <i>CYCLE</i> <input type="checkbox"/> <i>n-C</i> <input type="checkbox"/>

Change Log

Revision	What Changed
Initial	N/A
1	Add <i>OUtSt</i> and <i>OUtErr</i>

