µ400P & µ600P - Melt Pressure - Quick Setup Guide (c)

NOTE: This "Quick Setup Guide" has been provided to assist you. Terwin Instruments cannot be held responsible for any errors or omissions contained within. If you are in any doubt, please refer to the full instruction manual provided with each instrument.

Procedure:

1) Scroll through menu using **F** until you reach **InP** - Set to 13 (melt pressure transducer setting) by pressing ▲ or ▼. Press ⏎ to save

2) Scroll through menu using **F** until you reach **FSu** - Set to match the full scale of your pressure transducer by pressing ▲ or ▼. Press ⏎ to save.

3) Ensure your alarm values are set correctly. Check table below for more information.

4) Once you are ready to calibrate the instrument with your pressure transducer (transducer to be up to working temperature, without pressure being applied) press and hold the ⏎ button for 3 seconds. You will see **Zero** followed by **----** followed by **SpAn** followed by **----** followed by **SAUE**. Now press ⏎ to save.

You instrument should now be ready to use.

Press	Display Shows	Meaning	Setting	Notes
F	SP.A1	Setpoint Alarm#1 Value	Set at any point within your "full scale value" (FSU)	Alter value by pressing ▲ or ▼. Press ⏎ to save
F	SP.A2	Setpoint Alarm#2 Value	Set at any point within your "full scale value" (FSU)	Alter value by pressing ▲ or ▼. Press ⏎ to save
F	C.A1	Setpoint Alarm#1 Configuration Type	1 = High Alarm, direct action. i.e. Relay will "MAKE" at setpoint and sound alarm (if connected).	Alter value by pressing ▲ or ▼. Press ⏎ to save
F	C.A2	Setpoint Alarm#2 Configuration Type **VERY IMPORTANT SETTING !!!** This setting will shut down the machine in the event of power failure to the instrument (assuming start up circuit is wired accordingly)	2 = High Alarm, reverse action. i.e. Relay will "OPEN" at setpoint and remove power from machine (assuming start up circuit is wired accordingly)	Alter value by pressing ▲ or ▼. Press ⏎ to save
F	Hy.A1	Setpoint Alarm#1 Hysteresis	Default set to 2	Alter value by pressing ▲ or ▼. Press ⏎ to save
F	Hy.A2	Setpoint Alarm#2 Hysteresis	Default set to 2	Alter value by pressing ▲ or ▼. Press ⏎ to save
F	nAS.A1	Mask Setpoint Alarm#1 on first pass	Default set to 0 (OFF). 1 = ON	Alter value by pressing ▲ or ▼. Press ⏎ to save
F	nAS.A2	Mask Setpoint Alarm#2 on first pass	Default set to 0 (OFF). 1 = ON	Alter value by pressing ▲ or ▼. Press ⏎ to save

F	**dLY.A1**	Setpoint Alarm#1 delay time in seconds	Default = 0	Alter value by pressing ▲ or ▼. Press ⏎ to save
F	**dLY.A2**	Setpoint Alarm#2 delay time in seconds	Default = 0	Alter value by pressing ▲ or ▼. Press ⏎ to save
F	**LcH.A1**	Setpoint Alarm#1 LATCH When an alarm is latched, once activated it will remain on even if pressure has fallen below the setpoint value.	Default set to 0 (OFF). 1 = ON Press ▲ & ▼. Together to reset a latched alarm	Alter value by pressing ▲ or ▼. Press ⏎ to save
F	**LcH.A2**	Setpoint Alarm#2 LATCH When an alarm is latched, once activated it will remain on even if pressure has fallen below the setpoint value.	Default set to 0 (OFF). 1 = ON Press ▲ & ▼. Together to reset a latched alarm	Alter value by pressing ▲ or ▼. Press ⏎ to save
F	**BiAS.1**	Bias setting.	Default = 0	Alter value by pressing ▲ or ▼. Press ⏎ to save
F	**InP**	Instrument sensor Input type.	Melt pressure transducer = 13	Alter value by pressing ▲ or ▼. Press ⏎ to save
F	**DP**	Display decimal point setting.	Default = 0	Alter value by pressing ▲ or ▼. Press ⏎ to save
F	**FSu**	Display Full scale (span). This must match the full scale range of your pressure transducer i.e. 700 bar or 10,000psi etc.	Default = 10000	Alter value by pressing ▲ or ▼. Press ⏎ to save
F	**Filtr**	Display Filter	Default = 0	Alter value by pressing ▲ or ▼. Press ⏎ to save
F	**Type**	Pressure transducer type	Default = 0	Alter value by pressing ▲ or ▼. Press ⏎ to save
F	**Opt**	Options mode. Switched on options such as 4-20mA retransmission signal (when output board is fitted)	Default = 0	Alter value by pressing ▲ or ▼. Press ⏎ to save
F	**PASS**	Password Protection	Default = 0	Alter value by pressing ▲ or ▼. Press ⏎ to save
F	**LEVEL**	Security Level	Default = 0	Alter value by pressing ▲ or ▼. Press ⏎ to save