

This brief manual is primarily meant for quick reference to wiring connections and parameter searching. For more details on operation and application; please log on to [www.ppiindia.net](http://www.ppiindia.net)

Level	Sub-Level	Parameters	Range (Default Value)
	Batch	Batch Start	No Yes
		Balance Time	Read Only
		Batch Stop	No Yes
	Pen-Drive	Stop Copy	No Yes
		File Options	None Copy (New) Re-copy (Old) Read .txt File Recover (Default : None)
	Recording	Normal Interval	0:00:00 (H:MM:SS) to 2:30:00 (H:MM:SS) (Default : 0:00:30)
		Zoom Interval	0:00:00 (H:MM:SS) to 2:30:00 (H:MM:SS) (Default : 0:00:10)
		Alarm Toggle Record	Disable Enable (Default : Enable)
		Recording Mode	Continuous Batch (Default : Continuous)
		Batch Time	0:01 (HH:MM) to 250:00 (HHH:MM) (Default : 1:00)
		Batch Start Batch Stop	No Yes
	Date / Time	Time (HH:MM)	0.0 to 23:59
		Date	1 to 31
		Month	1 to 12
		Year	2000 to 2099
	Permission	Unique ID Number	Read Only
		Alarm Buzzer	Disable Enable (Default : Enable)
	Change PSW	Change Password	No Yes (Default : No)
		New Password	0 to 9999

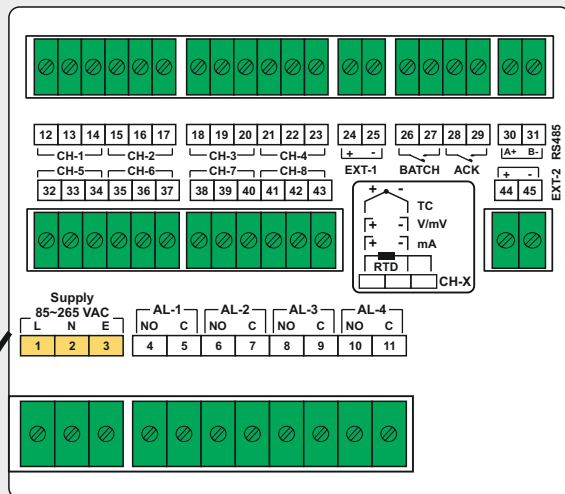
Level	Sub-Level	Parameters	Range (Default Value)		
	Device	Interface	PC USB		
		Comm. ID	1 to 127 (Default : 1)		
		Baud Rate	2400, 4800, 9600, 14400, 19200 (Default : 9600)		
		Parity	None, Even, Odd (Default : Even)		
		Factory Reset	No Yes (Default : No)		
		Delete Records	No Yes (Default : No)		
	Channel	All Channel Common	No Yes (Default : No)		
		Select Channel	For 4 Channel : 1 to 4 For 8 Channel : 1 to 8		
		Skip	No Yes		
		Input Type	Refer Table 1 (Default : 0 to 10 V)		
		Resolution	Refer Table 1		
		Signal Low	Input Type	Settings	Default
			0 to 20mA	0.00 to Signal High	0.00
			4 to 20mA	4.00 to Signal High	4.00
			0 to 80mV	0.00 to Signal High	0.00
0 to 1.25V			0.000 to Signal High	0.000	
0 to 5V	0.000 to Signal High		0.000		
0 to 10V	0.00 to Signal High		0.00		
1 to 5V	1.000 to Signal High		1.000		
0 to 160mV	0.00 to Signal High		0.00		
Signal High	Input Type		Settings	Default	
	0 to 20mA	Signal Low to 20.00	20.00		
	4 to 20mA	Signal Low to 20.00	20.00		
	0 to 80mV	Signal Low to 80.00	80.00		
	0 to 1.25V	Signal Low to 1.250	1.250		
	0 to 5V	Signal Low to 5.000	5.000		
	0 to 10V	Signal Low to 10.00	10.00		
	1 to 5V	Signal Low to 5.000	5.000		
	0 to 160mV	Signal Low to 160.00	160.00		

Level	Sub-Level	Parameters	Range (Default Value)
	Channel	Range Low	-30000 to +30000 (Default : 0)
		Range High	-30000 to +30000 (Default : 1000)
		Low Clip	Disable Enable (Default : Disable)
		Low Clip Value	-30000 to High Clip Val (Default : 0)
		High Clip	Disable Enable (Default : Disable)
		High Clip Value	Low Clip Val to 30000 (Default : 1000)
	Alarm	Zero offset	-30000 to +30000 (Default : 0)
		Filter (%)	0 to 90% (Default : 20%)
		Select Channel	For 4 Channel Channel-1 to Channel-4 For 8 Channel Channel-1 to Channel-8
		Select Alarm Number	AL1, AL2, AL3, AL4
		Alarm Type	None Process Low Process High (Default : None)
		Alarm Setpoint	Min. to Max. of selected input type range (Default : 0)
		Alarm Hysteresis	1 to 30000 (Default : 20)
		Alarm Inhibit	No Yes (Default : No)
		Lock / Unlock	No Yes (Default : No)
Change PSW	Change Password	No Yes (Default : No)	
	New Password	0 to 9999	
Utilities	Unused. Reserved for factory use.	NA	

**Table 1**

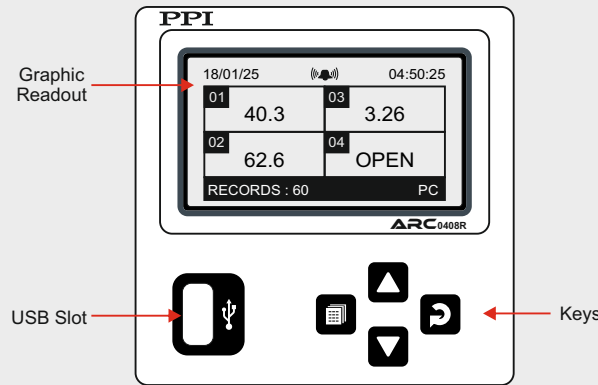
Input Type	Range (Min. to Max.)	Resolution
Type J	0.0 to +960.0°C	1 °C or 0.1 °C
Type K	-200.0 to +1376.0°C	
Type T	-200.0 to +387.0°C	
Type R	0.0 to +1771.0°C	
Type S	0.0 to +1768.0°C	
Type B	0.0 to +1826.0°C	
Type N	0.0 to +1314.0°C	
Type E	-200.0 to +1000.0°C	1 0.1 0.01 0.001 0.0001 Units
RTD Pt100	-199.9 to +850.0°C	
RTD Pt1000		
0 to 20 mA	-30000 to 30000 units	
4 to 20 mA		
0 to 80 mV		
0 to 160 mV		
0 to 1.25 V		
0 to 5.0 V		
0 to 10.0 V		
1 to 5.0 V		

**Electrical Connections**



Supply 20 - 32 VDC  
 Connections for DC Supply Voltage Option  
**Note:** Terminals 32 to 45 are not fitted for 4 Channel version.

**Front Panel**



FRONT PANEL KEYS		
Symbol	Key	Function (in Set-up Mode)
	PAGE	Press to enter or exit set-up mode.
	DOWN	Press to decrease the parameter value. Pressing once decreases the value by one count; keeping pressed speeds up the change.
	UP	Press to increase the parameter value. Pressing once increases the value by one count; keeping pressed speeds up the change.
	ENTER	Press to store the set parameter value and to scroll to the next parameter.

**Outer Dimension, Panel Cutout & Spacing**

