



PPI ScanLog 4-8 Channel Recorder with Printer Interface Instruction Manual

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PPI ScanLog 4-8 Channel Recorder with Printer Interface



SPECIFICATIONS

OPERATOR PARAMETERS	
Parameters	Settings (Default Value)
Stop Printing	No Yes
Select Option	1. None 2. Print (New) 3. Re-print (Old) 4. Resume 5. Recover 6. Print Info Page (Default : None)
Batch Start Batch Stop	No Yes
Balance Slot Time	Read Only
Line Per Page	25 to 100 (Default : 65)
Top Margine	1 to 5 (Default : 2)
Bottom Margine	1 to 5 (Default : 2)

Offset Records	10 to 1000 (Default : 10)
Print Page Header>>	No On First Page Every Page (Default : Every Page)
Delete Page Header>>	No Yes
Delete Page Footer>>	No Yes

READ USB PARAMETERS	
Parameters	Settings (Default Value)
Select Option	1. None 2. Read Set.txt File 3. Read Hdr.dat File 4. Read Ftr.dat File (Default : None)

ALARM SETTINGS	
Parameters	Settings (Default Value)

Select Channel	Channel-1 to Channel-4 (for 4C Printer Version) Channel-1 to Channel-8 (for 8C Printer Version)
Select Alarm	AL1, AL2, AL3, AL4 (The actual available options depends on the numbers of Alarms set per channel on Alarm configuration page)
AL1 Type	None Process Low Process High (Default : None)
AL1 Setpoint	Min. to Max. of selected input type range (Default : 0)

Parameters	Settings (Default Value)
AL1 Hysteresis	1 to 30000 (Default : 20)
AL1 Inhibit	No Yes (Default : No)

DEVICE CONFIGURATION	
Parameters	Settings (Default Value)
Delete Records	No Yes (Default : No)

CHANNEL CONFIGURATION	
Parameters	Settings (Default Value)
All Chan Common	No Yes (Default : No)
Select Channel	Channel-1 to Channel-4 (for 4C Printer Version) Channel-1 to Channel-8 (for 8C Printer Version)
Input Type	Refer Table 1 (Default : 0 to 10 V)
Resolution	Refer Table 1

Signal Low	
Signal High	

Parameters	Settings (Default Value)
Range Low	-30000 to +30000 (Default : 0)
Range High	-30000 to +30000 (Default : 1000)
Low Clipping	Disable Enable (Default : Disable)
Low Clip Val	-30000 to High Clip Val (Default : 0)
High Clipping	Disable Enable (Default : Disable)

High Clip Val	Low Clip Val to 30000 (Default : 1000)
Zero Offset	-30000 to +30000 (Default : 0)

ALARM CONFIGURATION	
Parameters	Settings (Default Value)
Alarms/Chan	1 to 4 (Default : 4)

RECORDER CONFIGURATION	
Parameters	Settings (Default Value)
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)

Alrm Toggl Rec	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

RTC SETTING	
Parameters	Settings
Time (HH:MM)	0.0 to 23:59
Date	1 to 31
Month	1 to 12
Year	2000 to 2099

UTILITIES

Parameters	Settings (Default Value)
Lock Unlock	No Yes (Default : No)
Factory Default	No Yes (Default : No)

TABLE 1

Option	Range (Min. to Max.)	Resolution & Unit
Type J (Fe-K)	0.0 to +960.0°C	
Type K (Cr-Al)	-200.0 to +1376.0°C	
Type T (Cu-Con)	-200.0 to +387.0°C	
Type R (Rh-13%)	0.0 to +1771.0°C	

Type S (Rh-10%)	0.0 to +1768.0°C	1 °C or 0.1 °C
Type B	0.0 to +1826.0°C	
Type N	0.0 to +1314.0°C	
Reserved for customer specific Thermocouple type not listed above. The type shall be specified in accordance with the ordered (optional on request) Thermocouple type.		
RTD Pt100	-199.9 to +600.0°C	1°C or 0.1 °C
0 to 20 mA	-30000 to 30000 units	
4 to 20 mA		
0 to 80 mV		
Reserved		
0 to 1.25 V		

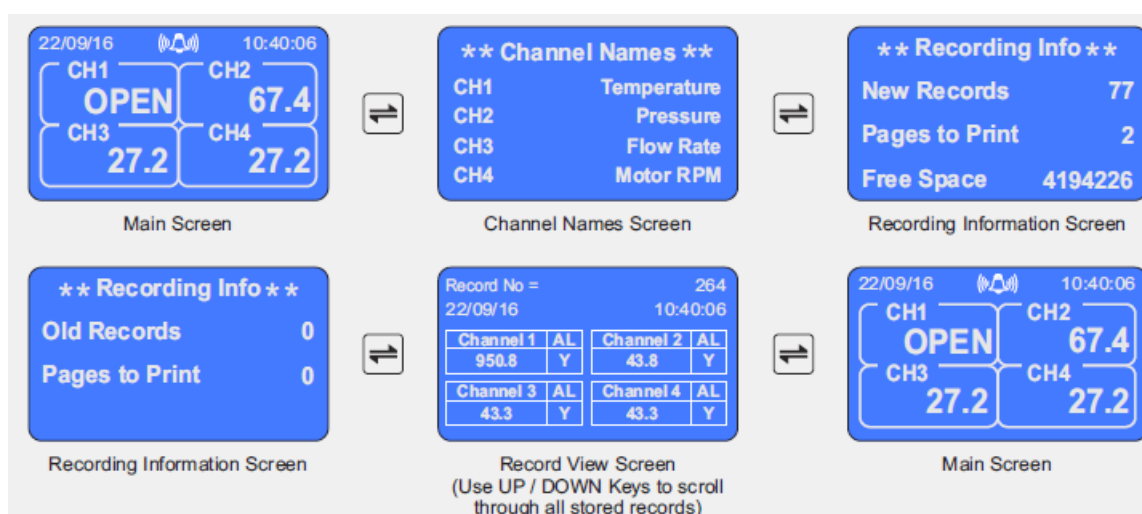
0 to 5 V	-30000 to 30000 units	
0 to 10 V		
1 to 5 V		

FRONT PANEL KEYS

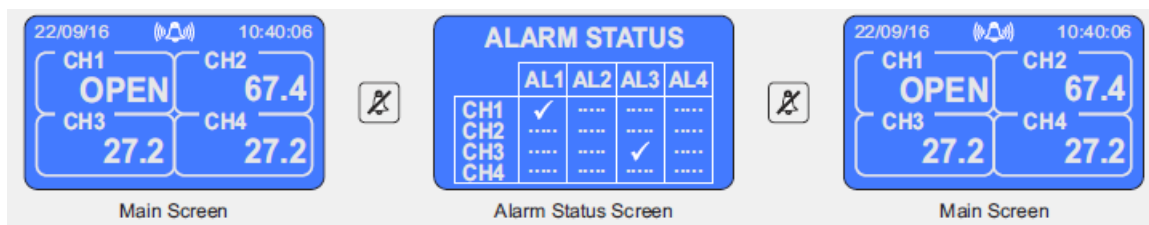
Symbol	Key	Function
	Scroll	Press to scroll through various Process Information Screens in Normal Operation Mode.
	Alarm Acknowledge	Press to acknowledge / mute alarm output (if active) & to view Alarm Status screen.
	DOWN	Press to decrease the parameter value. Pressing once decreases the value by one 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.
	SET-UP	Press to enter or exit set-up mode.
	ENTER	Press to store the set parameter value and to scroll to the next parameter.

SCROLLING THROUGH VARIOUS SCREENS

The screen shown below are for 4 Channel Version. The sequence is the same for 8 Channel Version.

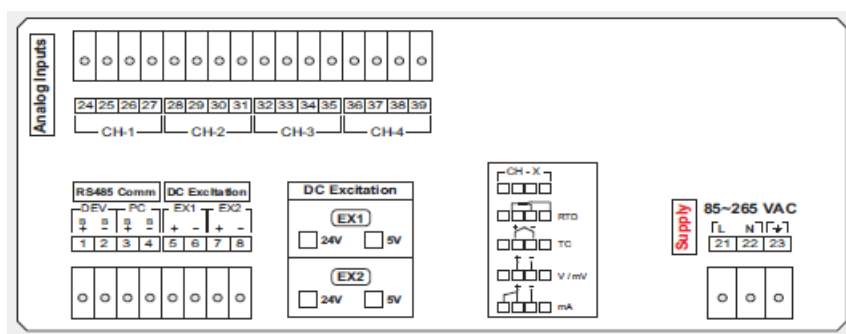


VIEWING ALARM STATUS SCREEN

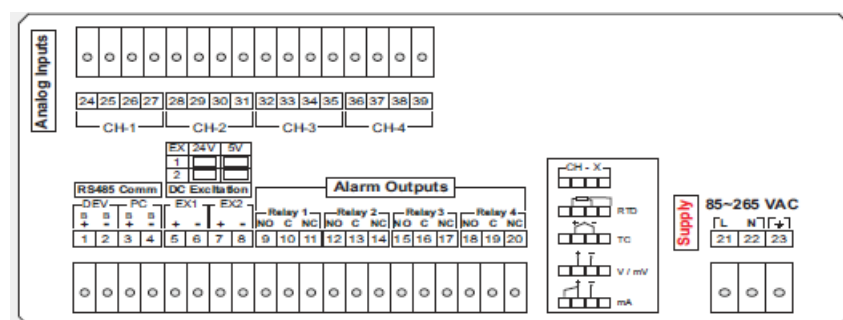


ELECTRICAL CONNECTIONS

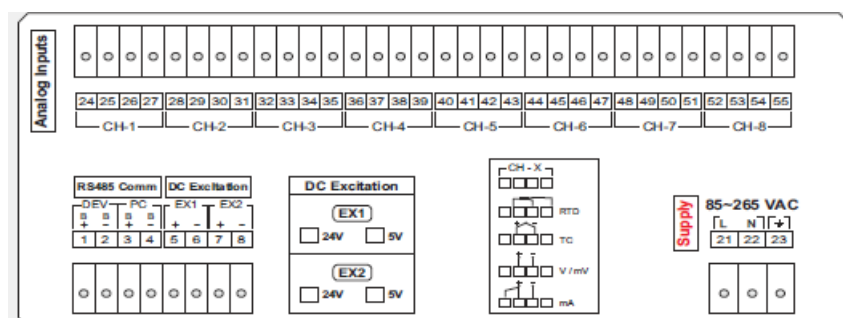
4 Channel Without Alarm Relay Outputs



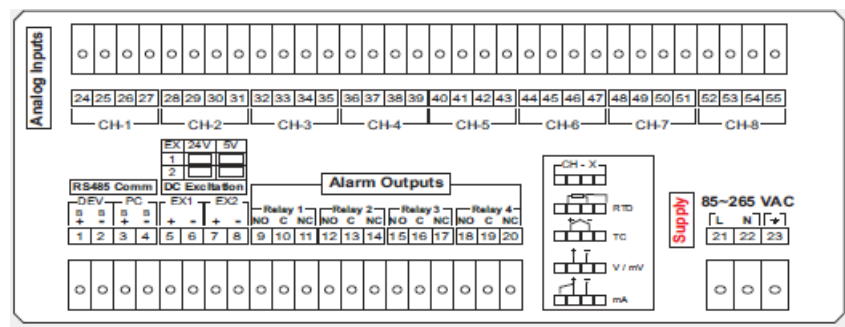
4 Channel With Alarm Relay Outputs



8 Channel Without Alarm Relay Outputs



8 Channel With Alarm Relay Outputs

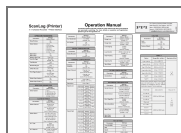


This brief manual is primarily meant for quick reference to wiring connections and parameter searching. For more details on operation and application please log on to www.ppiindia.net

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Documents / Resources



[PPI ScanLog 4-8 Channel Recorder with Printer Interface](#) [pdf] Instruction Manual
ScanLog, ScanLog 4-8 Channel Recorder with Printer Interface, 4-8 Channel Recorder with Printer Interface, Recorder with Printer Interface, Printer Interface

References

- [Factory Automation Products India | Automation Solutions in India](#)