

CONFIGURATION PARAMETERS : PAGE 12			
Parameters	Settings (Default Value)		
Actual Numbers of Channels to Scan 5nCH	1 to Max. Available (Default : 8 or 16)		
Sensor-break PV Status 5brP	<input type="checkbox"/> UP Up Scale <input type="checkbox"/> dn Down Scale (Default : Up Scale)		
Common Input Configurations cinC	<input type="checkbox"/> no No <input checked="" type="checkbox"/> YES Yes (Default : Yes)		
Select Channel for Configuration CHARn	1 to Actual no. of channels to scan (Default : 1)		
Input Type inpT	Refer Table 2 (Default : Type K)		
Resolution rSLn	Refer Table 2 (Default : 0.1)		
PV Units Unit	Refer Table 1 (Default : °C)		
Signal Low 5GLo	Input Type	Settings	Default
	0 to 20 mA	0.00 to Signal High	0.00
	4 to 20 mA	4.00 to Signal High	4.00
	0 to 80 mV	0.00 to Signal High	0.00
	0 to 1.25 V	0.000 to Signal High	0.000
	0 to 5 V	0.000 to Signal High	0.000
	0 to 10 V	0.00 to Signal High	0.00
	1 to 5 V	1.000 to Signal High	1.000
Signal High 5CHi	Input Type	Settings	Default
	0 to 20 mA	Signal Low to 20.00	20.00
	4 to 20 mA	Signal Low to 20.00	20.00
	0 to 80 mV	Signal Low to 80.00	80.00
	0 to 1.25 V	Signal Low to 1.250	1.250
	0 to 5 V	Signal Low to 5.000	5.000
	0 to 10 V	Signal Low to 10.00	10.00
	1 to 5 V	Signal Low to 5.000	5.000
DC Range Low rLo	-1999.9 to 3000.0 (Default : 0.0)		
DC Range High rHi	-1999.9 to 3000.0 (Default : 100.0)		
Bottom Clipping Enable bCE	<input type="checkbox"/> d5bL Disable <input checked="" type="checkbox"/> EnbL Enable (Default : Disable)		
Bottom Clipping bCLP	-19999 to Top Clipping (Default : 0)		

Parameters	Settings (Default Value)
Top Clipping Enable bCE	<input type="checkbox"/> d5bL Disable <input checked="" type="checkbox"/> EnbL Enable (Default : Disable)
Top Clipping bCLP	Bottom Clipping to 30000 (Default : 1000)
Offset OFSt	-1999.9 to 3000.0 (Default : 0.0)

ALARM CONFIGURATION PARAMETERS : PAGE 11

Parameters	Settings (Default Value)
No. of Alarms/Channel ALCH	1 to 4 (Default : 4)
Select Relay Number rLY	For COMMON Relay O/P 1 to No. of Alarms/channel (Max. 4) For INDIVIDUAL Relay O/P 1 to No. of Channels (Max. 16) (Default : NA)
Relay Logic rLLo	<input checked="" type="checkbox"/> norN Normal <input type="checkbox"/> rEw Reverse (Default : Normal)
Relay Latch rLLt	<input type="checkbox"/> no No <input checked="" type="checkbox"/> YES Yes (Default : No)

ALARM SETTING PARAMETERS : PAGE 10

Parameters	Settings (Default Value)
Channel Number CHARn	1 to Max. Channels (Default : NA)
Alarm Number ALrN	1 to User Selected Alarm (Default : NA)
Alarm Type tYPE	<input checked="" type="checkbox"/> nonE None <input type="checkbox"/> P.Lo Process Low <input type="checkbox"/> P.Hi Process High (Default : None)
Alarm Setpoint SP	Min. to Max. of selected input type range (Default : 0)
Alarm Hysteresis HYSt	0.1 to 3000.0 (Default : 2.0)
Alarm Inhibit ihbt	<input type="checkbox"/> no No <input checked="" type="checkbox"/> YES Yes (Default : No)

OPERATOR PARAMETERS : PAGE 0

Parameters	Settings (Default Value)
Scan Rate rAtE	1 Sec. to 99 Sec. (Default : 3 Sec.)
Reset Command rSt	<input type="checkbox"/> no No <input checked="" type="checkbox"/> YES Yes (Default : No)
Channel Number CHARn	1 to Actual no. of channels to scan (Default : 1)
Maximum PV Hi	View Only (Default : NA)
Minimum PV Lo	View Only (Default : NA)

SUPERVISORY PARAMETERS : PAGE 13

Parameters	Settings (Default Value)
Baud Rate BAUD	<input type="checkbox"/> 2.4 2400 <input type="checkbox"/> 4.8 4800 <input type="checkbox"/> 9.6 9600 <input type="checkbox"/> 19.2 19200 <input type="checkbox"/> 38.4 38400 <input type="checkbox"/> 57.6 57600 (Default : 9600)
Parity PARi	<input checked="" type="checkbox"/> nOnE None <input type="checkbox"/> EvEn Even <input type="checkbox"/> Odd Odd (Default : Even)
Serial ID id	1 to 247 (Default : 1)
Serial Delay SDLY	0 to 90 mS In Steps of 10 mS (Default : 0 mS)
Serial Write Permission CoN.E	<input type="checkbox"/> no No <input checked="" type="checkbox"/> YES Yes (Default : No)

TABLE- 1

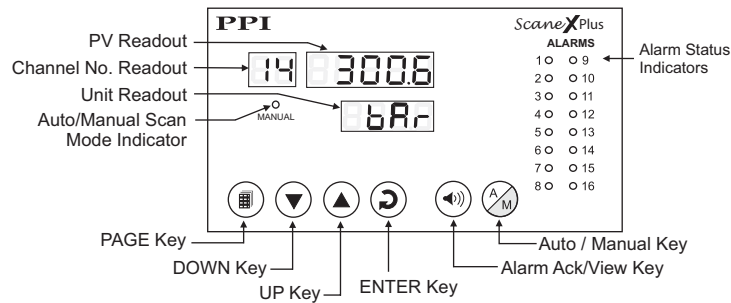
Unit Readout	Units
<input type="checkbox"/> oC	°C
<input type="checkbox"/> oF	°F
<input type="checkbox"/> oP	Kelvin
<input type="checkbox"/> EU	Engineering Units
<input type="checkbox"/> PErc	Percentage
<input type="checkbox"/> PAS	Pascals
<input type="checkbox"/> nPAS	Mpascals
<input type="checkbox"/> kPAS	Kpascals
<input type="checkbox"/> bAr	Bar
<input type="checkbox"/> mBar	Milli bar
<input type="checkbox"/> PSi	PSI
<input type="checkbox"/> PwG	kg/sq cm
<input type="checkbox"/> inWG	Inches water gauge
<input type="checkbox"/> mmHg	mm mercury
<input type="checkbox"/> Torr	Torr
<input type="checkbox"/> L-H	Liters per hour
<input type="checkbox"/> L-m	Liters per minute
<input type="checkbox"/> P-rH	% Relative Humidity
<input type="checkbox"/> PO2	% O ₂
<input type="checkbox"/> PCO2	% CO ₂
<input type="checkbox"/> PCP	% Carbon Potential
<input type="checkbox"/> volT	volts
<input type="checkbox"/> A-mP	Amps
<input type="checkbox"/> mA	Milli amps
<input type="checkbox"/> mV	Milli Volts
<input type="checkbox"/> Ohm	Ohms
<input type="checkbox"/> PPm	Parts per million
<input type="checkbox"/> rPm	Revolutions per pinute
<input type="checkbox"/> n-S	Milli seconds
<input type="checkbox"/> SEC	Seconds
<input type="checkbox"/> m	Minutes
<input type="checkbox"/> hrS	Hours
<input type="checkbox"/> PH	PH
<input type="checkbox"/> %PH	%PH
<input type="checkbox"/> mPH	Miles per hour
<input type="checkbox"/> mG	Milli grams
<input type="checkbox"/> GRAM	Grams
<input type="checkbox"/> KG	Kilo grams

TABLE- 2

Option	Range (Min. to Max.)	Resolution
J Type T/C TC-J	0.0 to +960.0°C / +32.0 to +1760.0°F	1 °C/°F or 0.1 °C/°F
K Type T/C TC-K	-200.0 to +1376.0°C / -328.0 to +2508.0°F	
T Type T/C TC-T	-200.0 to +387.0°C / -328.0 to +728.0°F	
R Type T/C TC-R	0.0 to +1771.0°C / +32.0 to +3219.0°F	
S Type T/C TC-S	0.0 to +1768.0°C / +32.0 to +3214.0°F	
B Type T/C TC-B	0.0 to +1826.0°C / +32.0 to +3218.0°F	
N Type T/C TC-N	0.0 to +1314.0°C / +32.0 to +2397.0°F	
RESU	Reserved for customer specific Thermocouple type not listed above. The type shall be specified in accordance with the ordered (optional on request) Thermocouple type.	
3-wire, RTD Pt100 rtd	-199 to +600°C / -328 to +1112°F or -199.9 to +600.0°C / -328.0 to +1112.0°F	
0-20 0 to 20mA DC current		
4-20 4 to 20mA DC current		
0080 0 to 80mV DC voltage		
RESU Reserved		
1.25 0 to 1.25V DC voltage	-19999 to 30000 units	
5.0 0 to 5.0V DC voltage		
10.0 0 to 10.0V DC voltage		
1-5 1 to 5.0V DC voltage		

FRONT PANEL LAYOUT

Front Panel



Keys Operation

Symbol	Key	Function
	PAGE	Press to enter / exit Set-up Mode
	DOWN	Press to decrease the parameter value. Pressing once decreases the value by one count; holding the key pressed speeds up the change.
	UP	Press to increase the parameter value. Pressing once increases the value by one count; holding the key pressed speeds up the change.
	ENTER	Press to store the set parameter value and to scroll to the next parameter.
	ALARM ACK/VIEW	Press to Acknowledge any pending Alarm(s) and to View details of the channels under Alarm.
	AUTO / MANUAL	Press to toggle between Auto and Manual Scan Mode. In Manual Scan Mode, Use UP / DOWN keys to the desired channel.

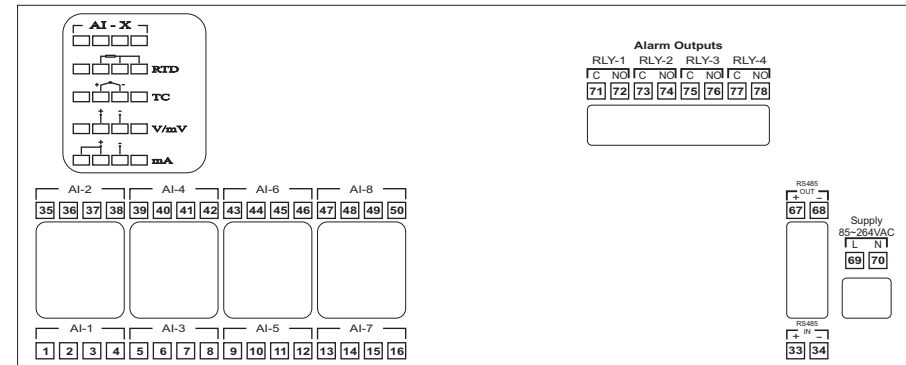
PV Error Indications

Message	PV Error Type
	Over-range (PV above Max. Range)
	Under-range (PV above Min. Range)
	Open (Sensor open / broken)

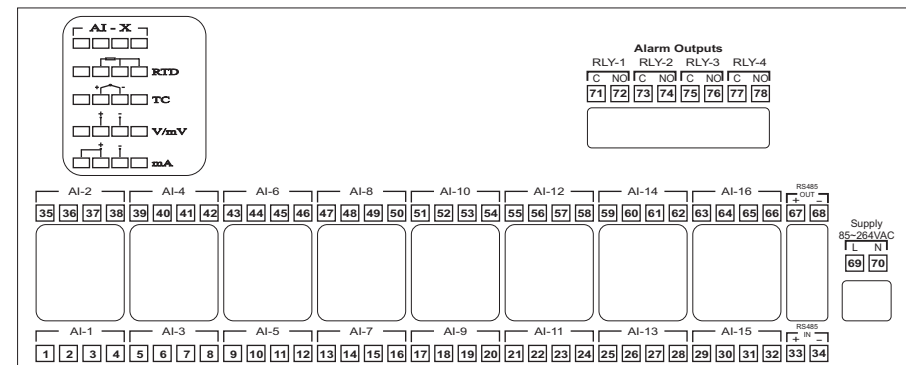
ELECTRICAL CONNECTIONS

Old Connections Version

8 Channel



16 Channel



New Connections Version

