



PPI UniLog Pro Universal Process Data Recorder PC User Manual

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PPI

Unclogs Pro / Unclogs Pro Plus with AIS
Universal Process Data Recorder PC Software Version
Operation Manual

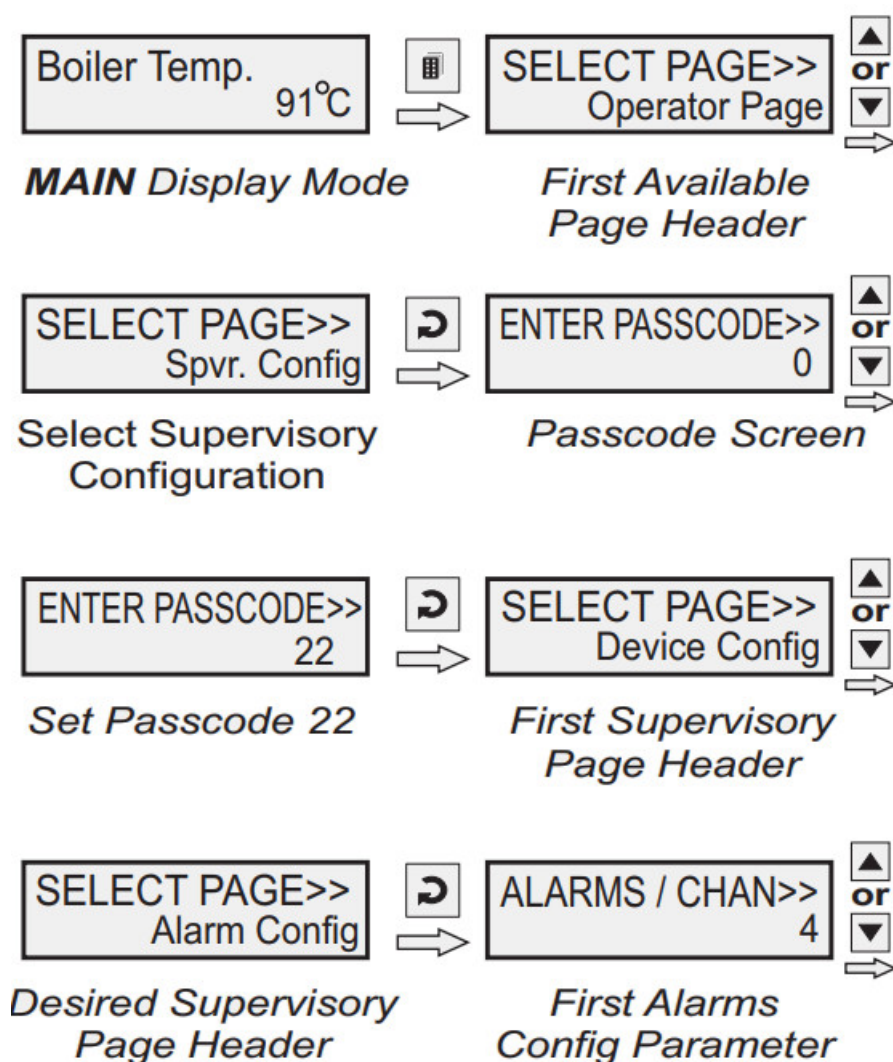
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UniLog Pro Universal Process Data Recorder PC

OPERATOR PARAMETERS	
Parameters	Settings (Default Value)
'Start' Command for Batch Recording (Available if Batch Recording is selected) BATCH START>> NO	No Yes
'Stop' Command for Batch Recording (Available if Batch Recording is selected) BATCH STOP>> NO	No Yes

SUPERVISORY CONFIGURATION



Note: All the other Parameters are under SUPERVISORY CONFIGURATION

ALARM SETTING	
Parameters	Settings(Default Value)
Channel Name for Alarm Settings SELECT CHANNEL>> Channel-1	User defined or default names for channel-1 to channel-8 / 16 (Default : NA)
Select Alarm SELECT ALARM>> AL1	AU , AL2, AL3, AL4 (The actual available options depends on the numbers of Alarms set per channel on Alarm configuration page)
Alarm Type AL1 TYPE>> None	None Process Low Process High (Default : None)
Alarm Setpoint AL1 SETPOINT>> 0	Min. to Max. of selected input type range (Default : 0)
Alarm Hysteresis AL1 HYSTERESIS>> 2	1 to 3000 or 0.1 to 3000.0 (Default : 2 or 2.0)
Alarm Inhibit AL1 INHIBIT>> Yes	No Yes (Default : No)

DEVICE CONFIGURATION	
Parameters	Settings (Default Value)
Channel Update Time in Auto Scan Mode SCAN RATE>> 3	1 Sec. to 99 Sec. (Default: 3 Sec.)
Device Identification Number RECORDER ID>> 2	1 to127 (Default : 1)
Select Total Numbers of Channels TOTAL CHANNELS>> 16	8 16 (Default : 16)
Erase All Stored Records DELETE RECORDS>> No	No Yes (Default : No)

CHANNEL CONFIGURATION

Parameters	Settings (Default Value)
Select Channel Name SELECT CHANNEL>> Channel-1	User defined or default names for channel-1 to channel – 8 / 16 (Default : NA)
Skip Channel for Display SKIP>> No	No Yes (Default : Yes)
Signal Input Type INPUT TYPE>> Type K (Cr-Al)	Refer Table 2 (Default : Type K (Cr-Al))
Display Resolution for Measured PV RESOLUTION>> 0.1 Unit	1 Unit 0.1 Unit 0.01 Unit 0.001 Unit (Default : 0.1 Unit)
Display Units for Measured PV UNITS>> °C	Refer Table 1 (Default : °C)
Range Low RANGE LOW>> 0	-19999 to 30000 Counts with Selected Resolution (Default : 0.0)
Range High RANGE HIGH>> 1000	-19999 to 30000 Counts with Selected Resolution (Default : 100.0)
Apply Lower Clip on Displayed PV LOW CLIPPING>> Disable	Disable Enable (Default : Disable)
Preset Lower Clip Level LOW CLIP VAL>> 0.0	-19999 to 30000 (Default : 0)
Apply Upper Clip on Displayed PV HIGH CLIPPING>> Disable	Disable Enable (Default : Disable)
Preset Upper Clip Level HIGH CLIP VAL>> 100.0	-19999 to 30000 (Default : 100.0)

Zero Offset ZERO OFFSET>> 0	-1999 / 3000 or -1999.9 / 3000.0 (Default : 0)
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ALARM CONFIGURATION	
Parameters	Settings (Default Value)
Alarms Per Channel ALARMS / CHAN >> 4	1 to 4 (Default : 4)
Relay-1 Logic RELAY-1 LOGIC >> Normal	Normal Reverse (Default : Normal)
Relay-2 Logic RELAY-2 LOGIC >> Normal	Normal Reverse (Default : Normal)

RECORDER CONFIGURATION	
Parameters	Settings (Default Value)
Normal Recording Interval NORMAL INTERVAL>> 0:00:30	0:00:00 (H:MM:SS) to 2:30:00 (H:MM:SS) (Default : 0:00:30)
Zoom Recording Interval ZOOM INTERVAL>> 0:00:01	0:00:00 (H:MM:SS) to 2:30:00 (H:MM:SS) (Default : 0:00:01)
Record Generation on Alarm Status Toggle ALARM TOGGLE REC>> Disable	Disable Enable (Default : Enable)
Select Recording Mode RECORDING MODE>> Continuous	Continuous Batch (Default : Continuous)
Time Interval for Batch Recording BATCH TIME>> 1.00	0:01 (HH:MM) to 250:00 (HHH:MM) (Default : 1:00)

RTC SETTING	
Parameters	Settings
Set Clock Time (HH:MM) TIME (HH:MM)>> 15:53	0.0 to 23:59
Set Calendar Date DATE>> 23	1 to 31
Set Calendar Month MONTH>> 11	1 to 12
Set Calendar Year YEAR>> 2011	2000 to 2099

UTILITIES	
Parameters	Settings
Master Lock Enable Disable LOCK>> No UNLOCK>> No	No Yes
UIM Default UIM DEFAULT>> No	No Yes
CIM Default CIM DEFAULT>> No	No Yes
Make CIM & UIM Compatible CPY CIM TO UIM>> No CPY UIM TO CIM>> No	No Yes

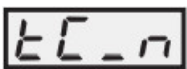
* For Uni Log Pro Plus with more Than One AIS Only

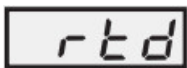
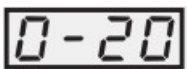
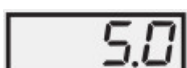
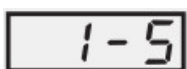
TABLE-1

Option	Description
°C	Degree Centigrade
°F	Degree Fahrenheit
(none)	No Unit (Blank)
°K	Degree Kelvin
EU	Engineering Units
	Percentage
Pa	Pascals
Mpa	Pascals
kPa	Pascal's
bar	Bar
mbar	Millie bar
psi	PSI
kg/sq.cm	kg/cm2
mmH2O	mm water gauge
inH2O	Inches water gauge
mmHg	mm mercury
Torr	Torr
litre/hr	Litres per hour
litre/min	Litres per minute
%RH	% Relative Humidity
%O2	% Oxygen
%CO2	% Carbon di-oxide
%CP	% Carbon Potential
V	Volts
A	Amps
mA	Millie Amps
mV	Millis Volts
ohm	Ohms

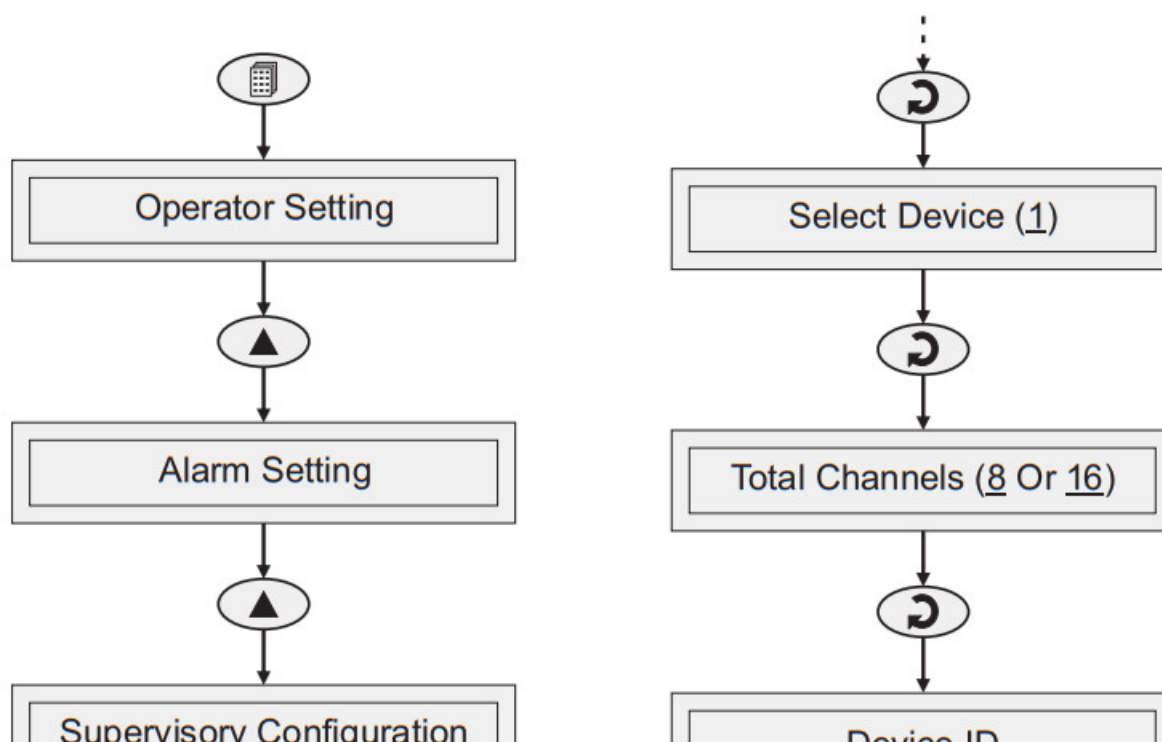
ppm	Parts per million
rpm	Revolutions per minute
music	Millie seconds
Sec	Seconds
min	Minutes
hrs	Hours
PH	PH
%PH	%PH
miles/hr	Miles per hour
mg	Millie grams
g	Grams
kg	Kilo grams

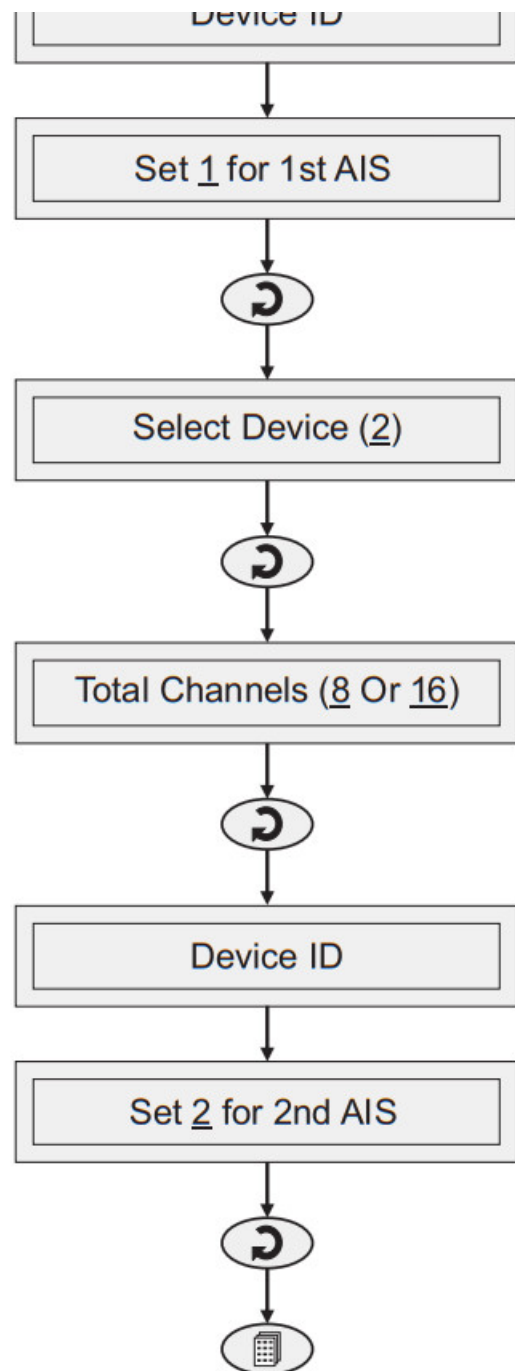
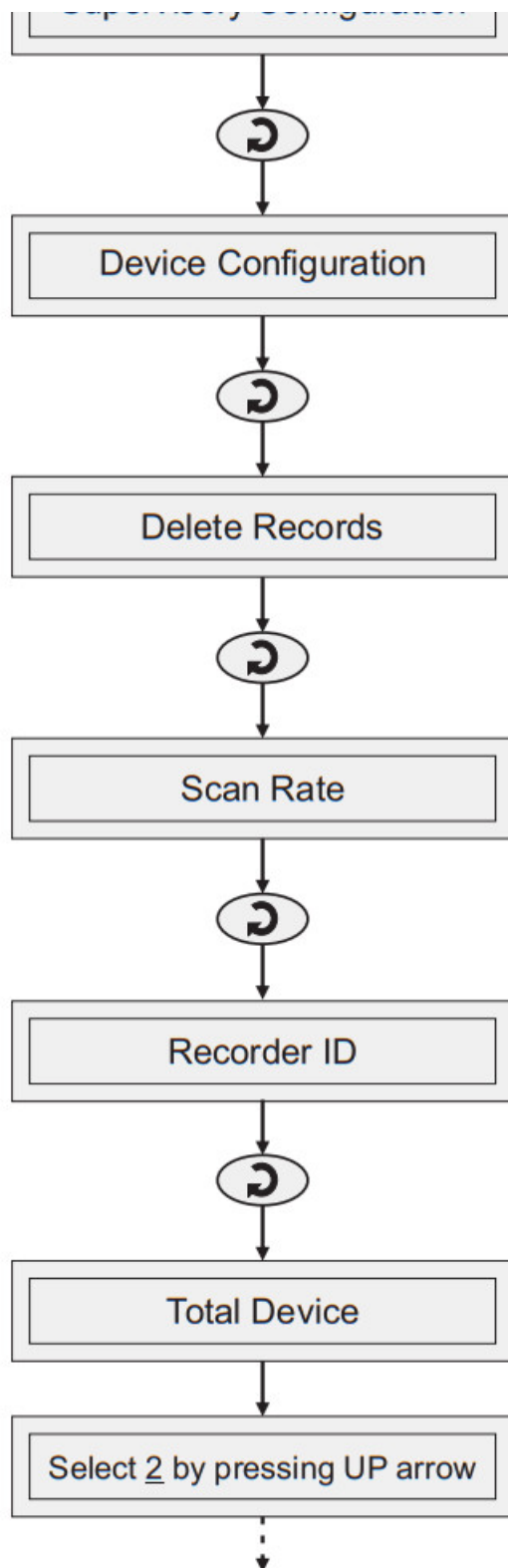
TABLE- 2

Option	Range (Min. to Max.)	Resolution
 J Type T/C	0 to +960°C / +32 to +1760°F	Fixed 1°C / 1°F
 K Type T/C	-200 to +1376°C / -328 to +2508°F	
 T Type T/C	-200 to +385°C / -328 to +728°F	
 R Type T/C	0 to +1771°C / +32.0 to +3219°F	
 S Type T/C	0 to +1768°C / +32 to +3214°F	
 B Type T/C	0 to +1826°C / +32.0 to +3218°F	
 N Type T/C	0 to +1314.0°C / +32 to +2397.0°F	
 Reserved for customer specific Thermocouple type not listed above.	Reserved for customer specific Thermocouple type not listed above.	

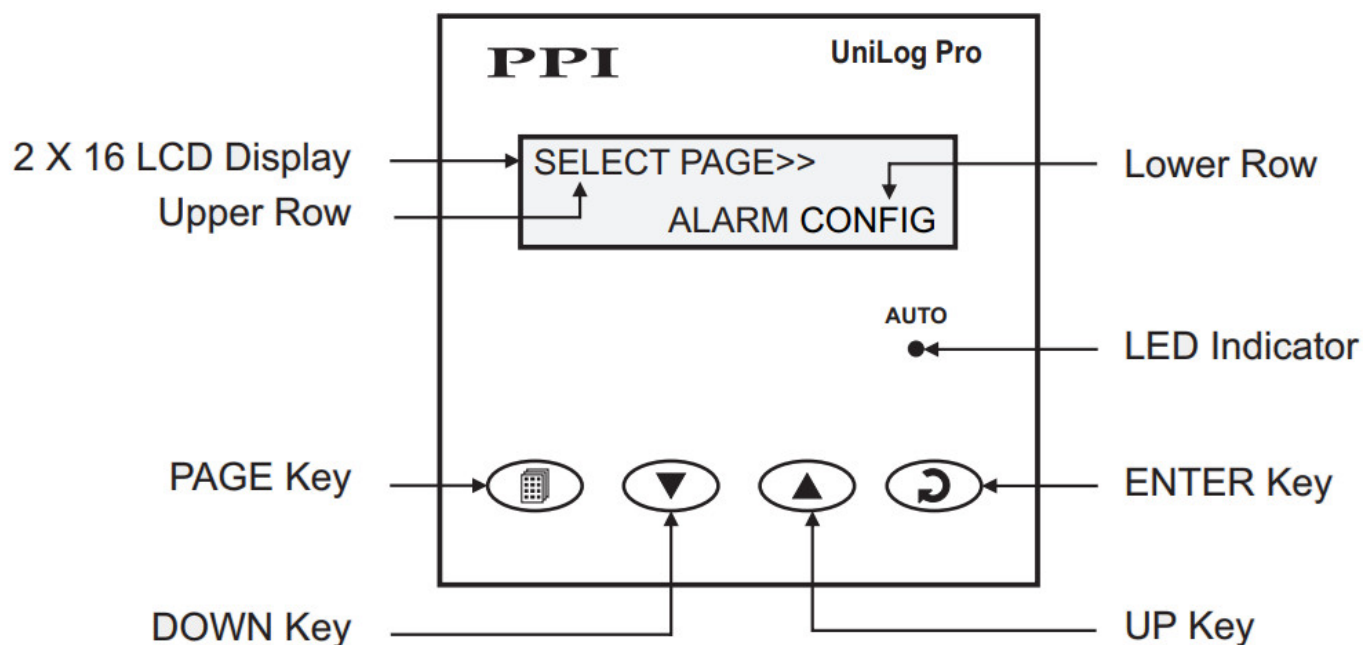
 RTD Pt100	-199 to +600°C / -328 to +1112°F or -199.9 to 600.0° C/ -328.0 to 1112.0°F	User settable 1°C/ 1°F or 0.1°C / 0.1°F
 0 to 20mA DC	-19999 to +30000 units	User settable 1 / 0.1 / 0.01/ 0.001 units
 4 to 20mA DC		
 0 to 50mV DC		
 0 to 200mV DC		
 0 to 1.25V DC		
 0 to 5.0V DC		
 0 to 10.0V DC		
 1 to 5.0V DC		

ID SETTING FOR MORE THAN 1 AIS
Applicable only for UNILOG PRO PLUS





FRONT PANEL LAYOUT



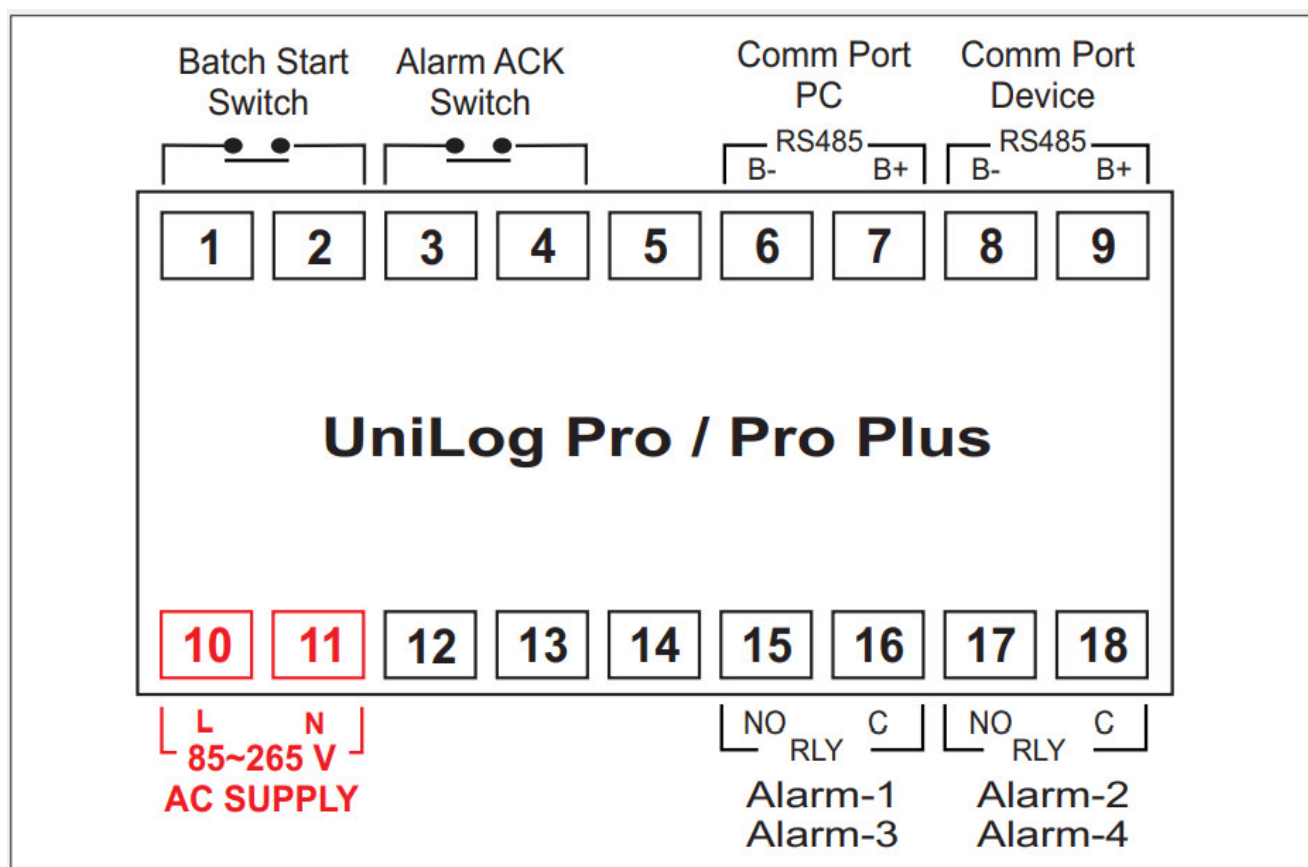
Symbol	Key	Function
	PAGE	Press to enter or exit set-up mode.
	DOWN	Press to decrease the parameter value. Pressing once decreases the value by one count; holding pressed speeds up the change.
	UP	Press to increase the parameter value. Pressing once increases the value by one count; holding pressed speeds up the change.
	ENTER	Press to store the set parameter value and to scroll to the next parameter on the PAGE.

PV Error Indications

Error Message	Cause
Over Range	Process Value above Max. Range
Under Range	Process Value below Min. Range
Sensor Open	Thermocouple / RTD broken
Com. Fail	Communication Link with CI M broken

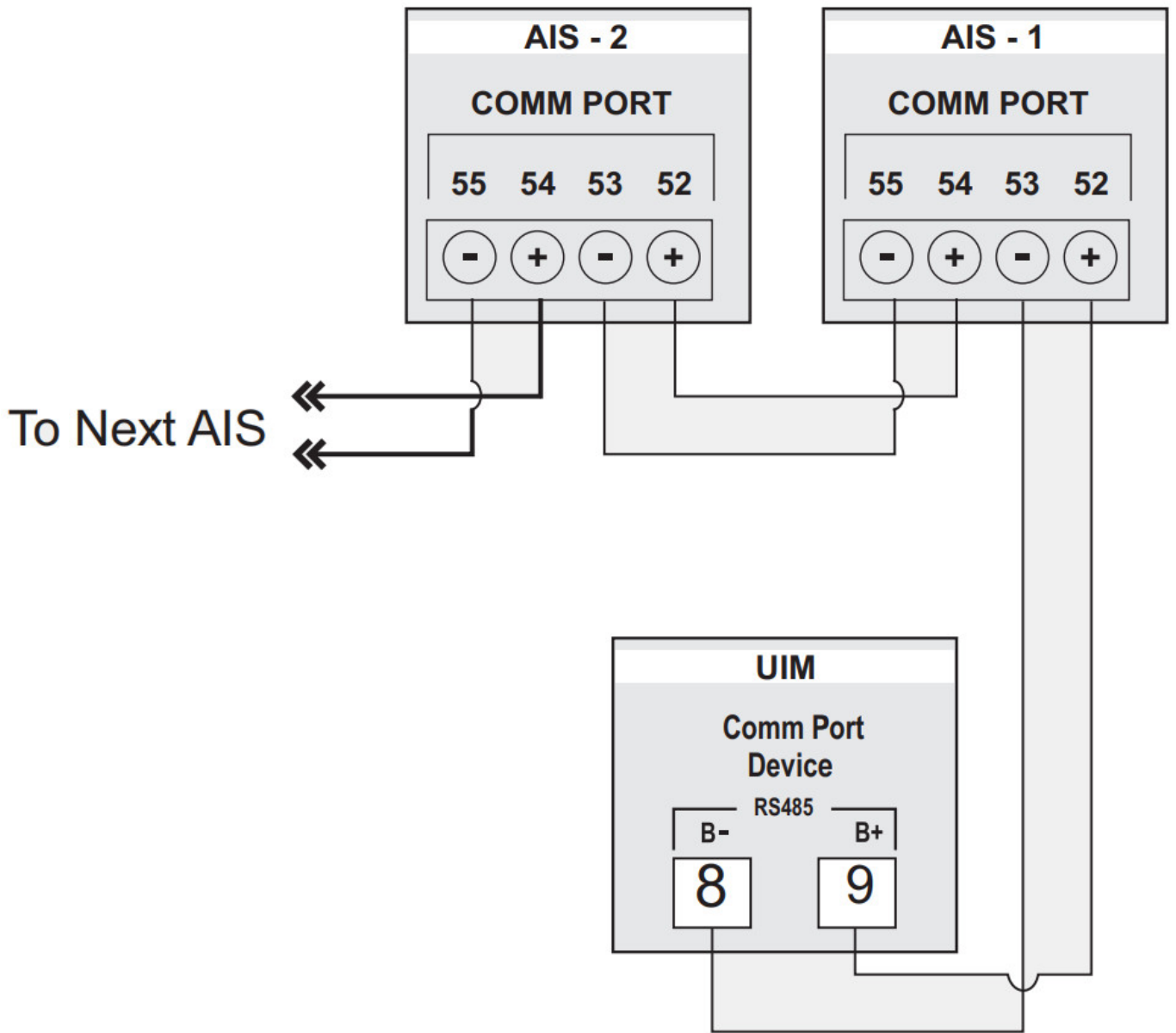
ELECTRICAL CONNECTIONS

USER INTERFACE MODULE (UIM)



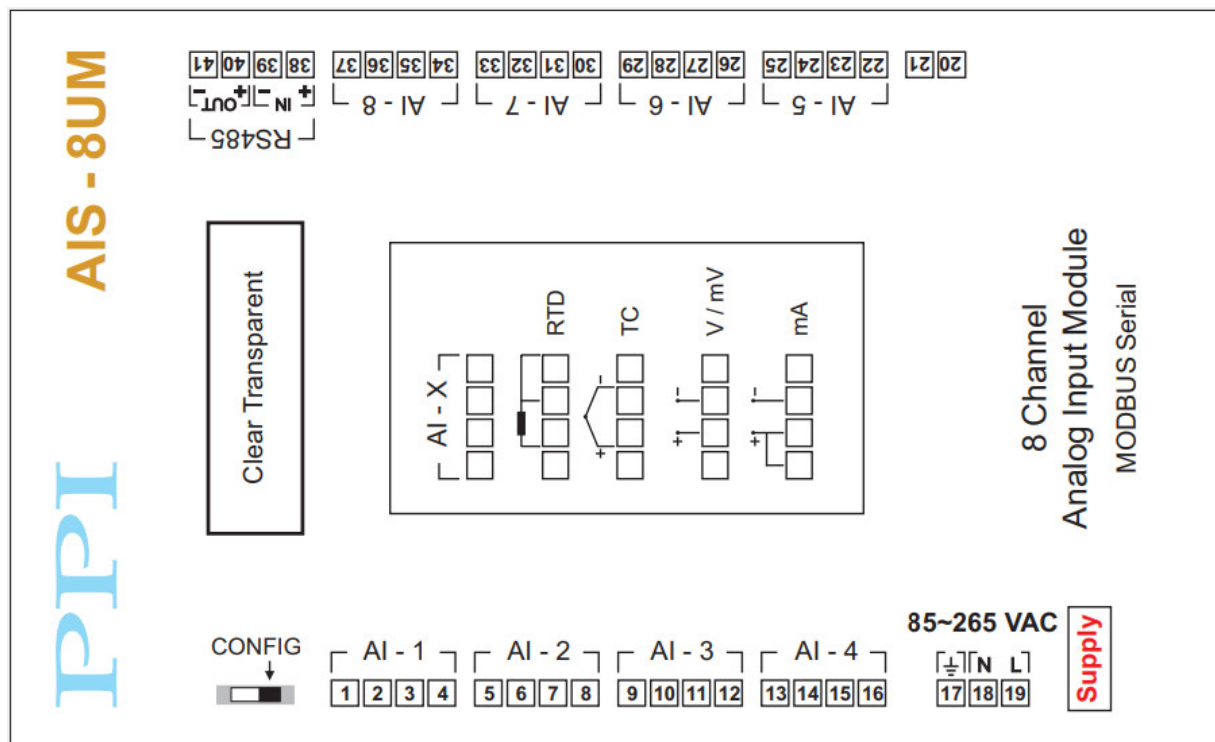
COMMUNICATION PORT FOR INTERFACING WITH AIS(S)

Applicable only for UNILog PRO PLUS

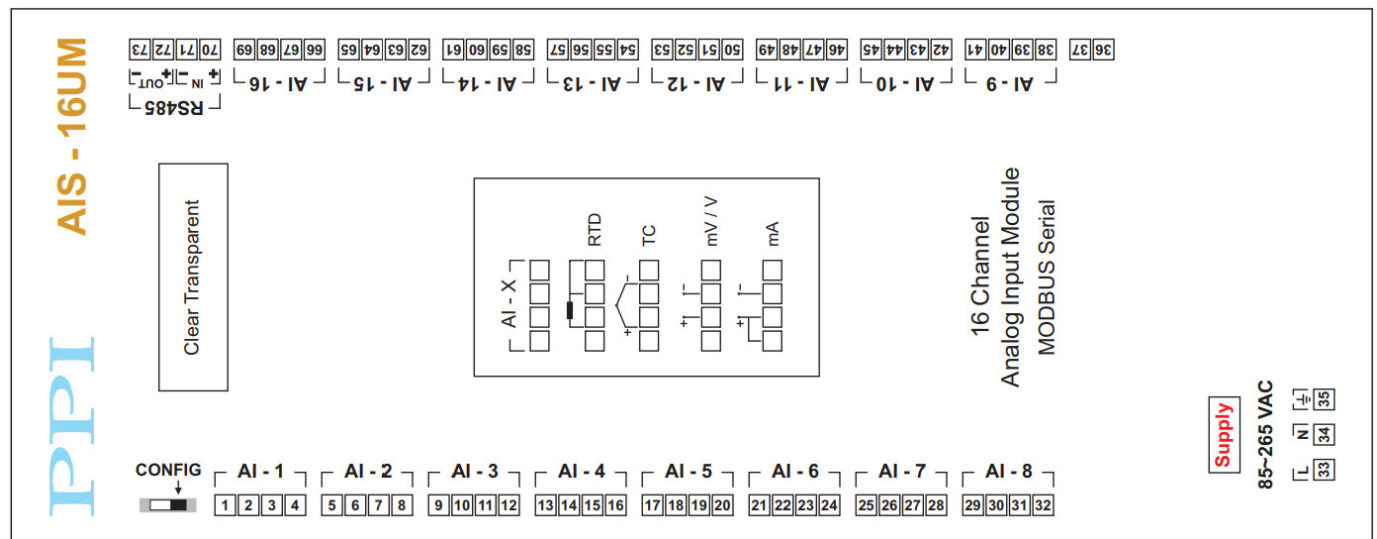


ANALOG INPUT MODULE CONNECTIONS

AIS-8UM



AIS-16UM



PPI

101, Diamond Industrial Estate, Navghar,
Vasai Road (E), Dist. Palghar – 401 210.

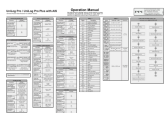
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Documents / Resources



PPI UniLog Pro Universal Process Data Recorder PC [pdf] User Manual

UniLog Pro Universal Process Data Recorder PC, UniLog Pro, Universal Process Data Recorder PC, Process Data Recorder PC, Data Recorder PC, Recorder PC, PC

References

- [!\[\]\(178fd2204ce12f49c4bf835b69b64161_img.jpg\) Factory Automation Products India | Automation Solutions in India](#)

Manuals+.