



PPI ProceX Process Indicator with Alarm Instruction Manual

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PPI ProceX Process Indicator with Alarm



Product Information

The Proce is a process indicator with alarms that can be configured to accept different input types such as 0-20mA, 4-20mA, 0-5V, and 0-10V. It has a resolution range of 1, 0.1, 0.01, and 0.001 and can measure values between -1999 to 9999 depending on the selected resolution. It also has alarm parameters that can be set up on page 11, with options for alarm types, hysteresis, and logic. The Proce also has operator parameters on page 0 that allow for setting up alarm setpoints. Additionally, the Proce has PV min/max parameters on page 1 that allow for setting maximum and minimum process values. The Proce has a front panel layout with a process value display and an alarm indicator.

Product Usage Instructions

1. Configure the input type by selecting the appropriate option from the settings on page 12.
2. Set the resolution range by selecting the appropriate option from the settings on page 12.
3. Set the DC range low and high by selecting the appropriate values from the settings on page 12.
4. Set the offset for PV by selecting the appropriate value from the settings on page 12.
5. Set up alarm parameters such as type, hysteresis, and logic on page 11.
6. Set alarm setpoints using the operator parameters on page 0.
7. Set maximum and minimum process values using the PV min/max parameters on page 1.
8. Use the front panel layout to view the process value display and alarm indicator.
9. For electrical connections, refer to the diagram provided in the manual.
10. For relay output, connect LCR to contactor coil for suppressing noises.

Operation Manual

INPUT CONFIGURATION PARAMETERS

Parameters	Settings
Input Type INPT	Controller Version: 0-20 0 - 20mA 4-20 4 - 20mA 0-5 0 - 5 V 0-10 0 - 10 V
Resolution RESL	1 1 0.1 0.1 0.01 0.01 0.001 0.001
DC Range Low rLo	-1999 to 9999 (with selected Resolution)
DC Range High rHi	-1999 to 9999 (with selected Resolution)
Offset For PV OFSE	-1999 to 9999 (with selected Resolution)

ALARM PARAMETERS (OUTPUT-2)

Parameters	Settings
Alarm-1 Type A1CL	none None P_Lo Process Low P_Hi Process High
Alarm-1 Hysteresis A1HY	1 to 999 (with selected Resolution)
Alarm-1 Logic A1LG	norm Normal rev Reverse
Alarm-1 Inhibit A1, h	no No yes Yes
Alarm-2 Type A2CL	none None P_Lo Process Low P_Hi Process High
Alarm-2 Hysteresis A2HY	1 to 999 (with selected Resolution)
Alarm-2 Logic A2LG	norm Normal rev Reverse
Alarm-2 Inhibit A2, h	no No yes Yes

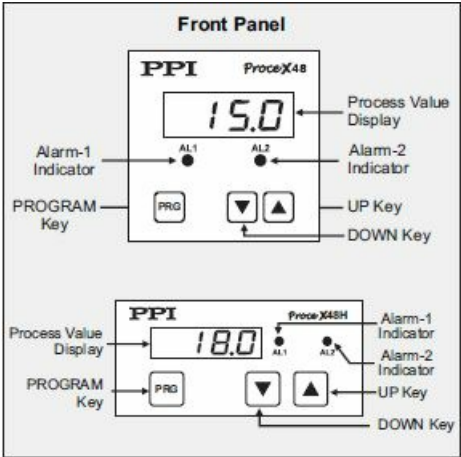
OPERATOR PARAMETERS

Parameters	Settings
Alarm-1 Setpoint A1SP	-1999 to 9999 (with selected Resolution)
Alarm-2 Setpoint A2SP	-1999 to 9999 (with selected Resolution)

PV MIN / MAX PARAMETERS

Parameters	Settings
Maximum Process Value <div>Hi</div>	View Only
Minimum Process Value <div>Lo</div>	View Only
Reset PV Monitor <div>rSt</div>	<div>no</div> No <div>YES</div> Yes

FRONT PANEL LAYOUT

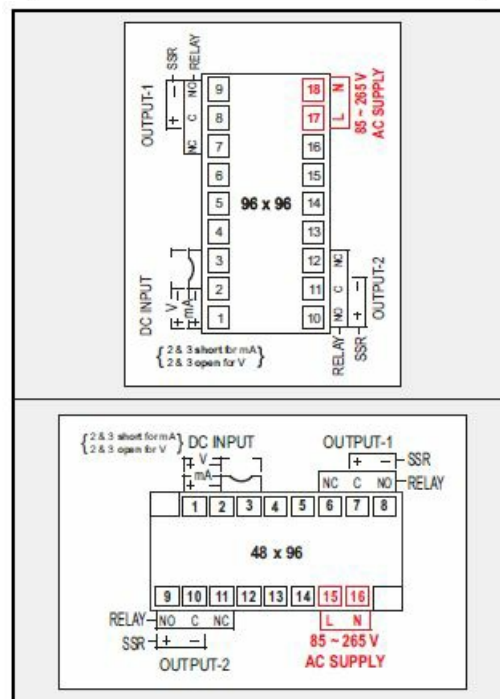
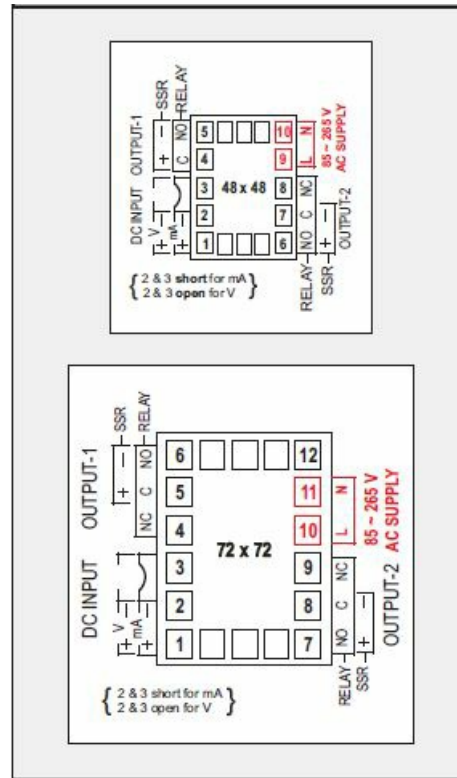


Keys Operation

Keys Operation		
Symbol	Key	Function
<div>PRG</div>	PROGRAM MODE	Keep pressed for approximately 5 seconds to enter / exit Set-up mode.
<div>▼</div>	DOWN	Press to decrease the parameter value. Pressing once decreases the value by one count; holding pressed speeds up the change.
<div>▲</div>	UP	Press to increase the parameter value. Pressing once increases the value by one count; holding pressed speeds up the change.

PV Error Indications	
Message	PV Error Type
<div>Or</div>	Over-range (PV above Max. Range)
<div>Ur</div>	Under-range (PV below Min. Range)

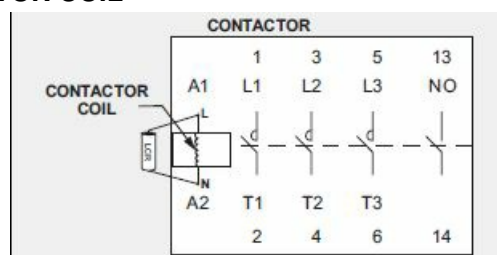
ELECTRICAL CONNECTIONS



NOTE:- FOR RELAY OUTPUT ONLY

LCR is to be connected to contactor coil for suppressing noises. (Refer LCR connection Diagram given below)

LCR CONNECTION TO CONTACTOR COIL



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

Process Indicator with Alarms

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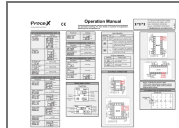
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Documents / Resources



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ProceX Process Indicator with Alarm, Process Indicator with Alarm, Indicator with Alarm, Alarm

References

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

[Manuals+](#)