



Features

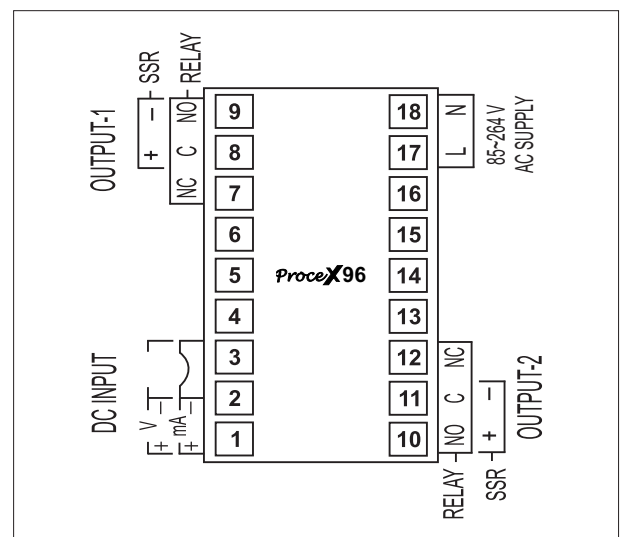
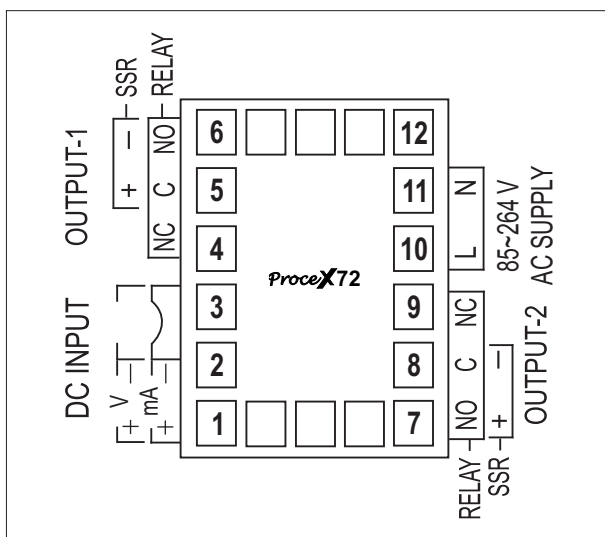
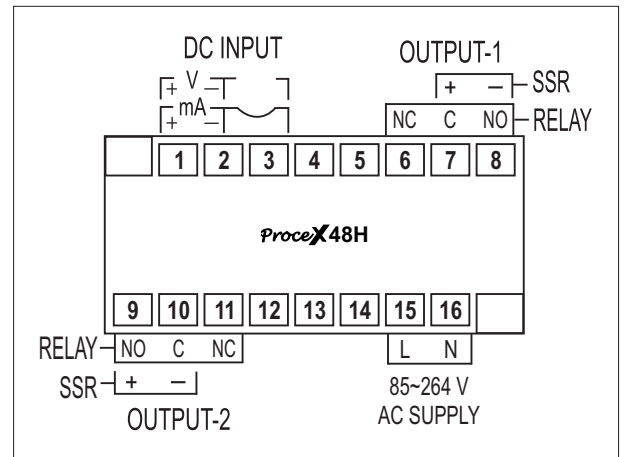
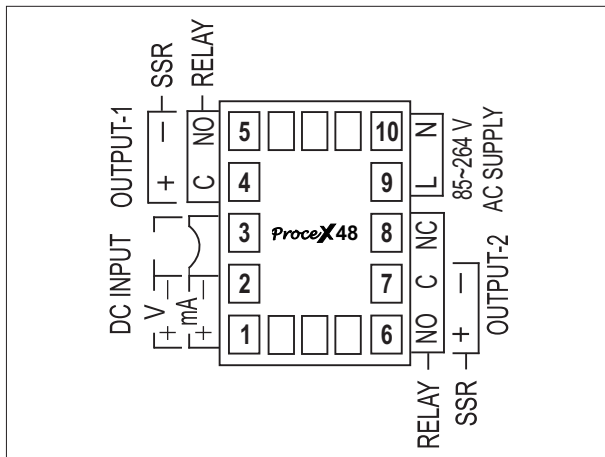
- 4 Digit Display
- DC Linear Voltage / Current Input
- User Programmable Process Value Range
- Facility to View & Store Min / Max Process Value
- Upto 2 Programmable Alarms
- Sizes (mm) : *ProceX 48* : 48(H) X 48(W) X 85(D)
ProceX 48H: 48(H) X 96(W) X 65(D)
ProceX 72 : 72(H) X 72(W) X 65(D)
ProceX 96 : 96(H) X 96(W) X 65(D)

Specifications

Display	
Digital Readout	4 digits, 0.3" bright Red LED, 7 Segment (ProceX48 & ProceX48H) 4 digits, 0.5" bright Red LED, 7 Segment (ProceX72 & ProceX96)
Status Indicators	2 Red LEDs (3mm Round)
Keys	
Type	3 Tactile Switches
Functions	PROGRAM, DOWN, UP
Signal Input	
Type	User Programmable : 0-20 mA, 4-20 mA, 0-5 VDC, 0-10 VDC
Accuracy	± 0.25% of reading ± 1 LSD
Display Range	User Adjustable from -1999 to 9999 Counts
Display Resolution	Settable As : 1, 0.1, 0.01

ADC	16 Bit (±32,768 Counts), Sigma-Delta (ΣΔ)		
Sampling Time	200mS (5 Samples per Second)		
Input Resistance	> 8 MOhm		
CMR	> 100dB at 50/60 Hz		
Signal Conditioning	L-C Analog Filter		
Zero Offset	User Adjustable over Full Range		
Alarms			
Channels	2, Independent		
Type	Settable as : Process Low, Process High		
Logic	Settable as : Normal, Reverse		
Output-1 (For Alarm-1)	Relay Change-over Contacts rated 10A/230VAC, Resistive Load		
Output-2 (For Alarm-2)	Relay Change-over Contacts rated 10A/230VAC, Resistive Load		
Power Supply			
Type	Switch Mode (SMPS)		
Line Voltage	85~264 VAC/VDC, 50/60Hz		
Consumption	5VA Max		
Physical			
Mounting	Plug-in with Panel Mounting Clamps		
Panel Cutout (mm)	ProceX48 : 45(H) X 45(W) ProceX72 : 68(H) X 68(W)		ProceX48H : 45(H) X 92(W) ProceX96 : 92(H) X 92(W)
Terminals	Screw Type		
Weight	225gm, Appx.		
Environmental			
Operating Ambient	0~55°C & 5~90%RH Non-condensing		
EMC Standards	EN50081-2 & EN 50082-2 Generic Stds for Industrial Environment		
Atmospheres	Not Suitable for use in Corrosive or Explosive Atmospheres. The Panel in which the Instrument is Mounted must be free of Electrically Conductive Pollution.		

Back Panel Terminations



Ordering Code

Input		Output-1		Output-2		Power Supply		Options		Size	
DC	DC Volts/Current	0	None	0	None	0	85~264 VAC	N	None	44	ProceX48
		1	Relay	1	Relay					49	ProceX48H
		2	SSR Drive	2	SSR Drive					77	ProceX72
										99	ProceX96

Example Code

DC - 1 - 0 - 0 - N - 44

DC Volts/Current Input, Output-1 Relay, Output-2 None, 85~264 VAC Supply, no option, 48 X 48 Size.