



Features

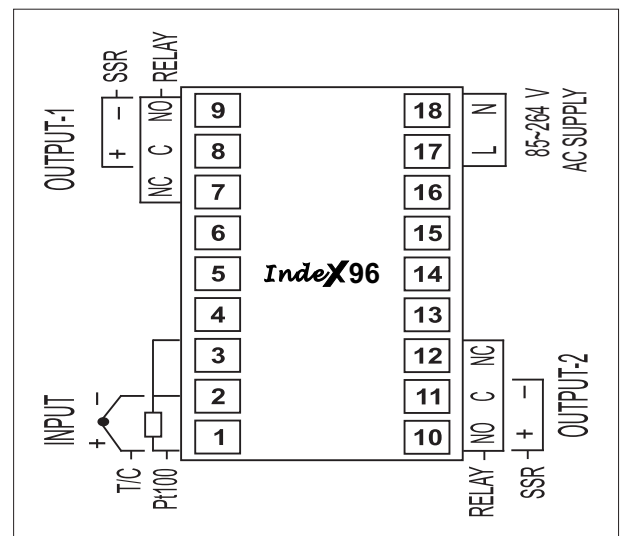
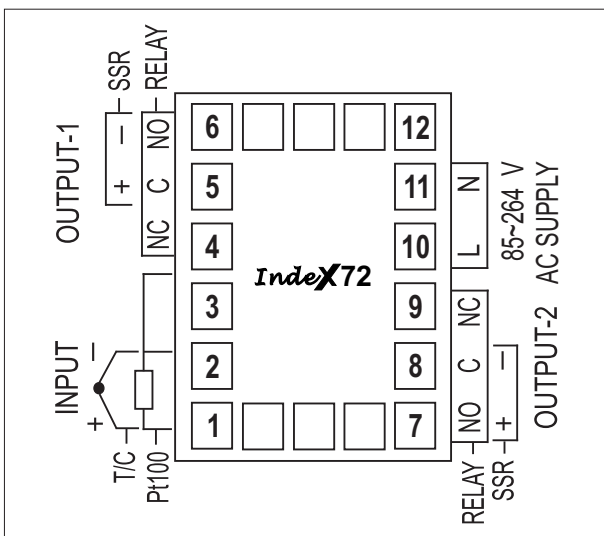
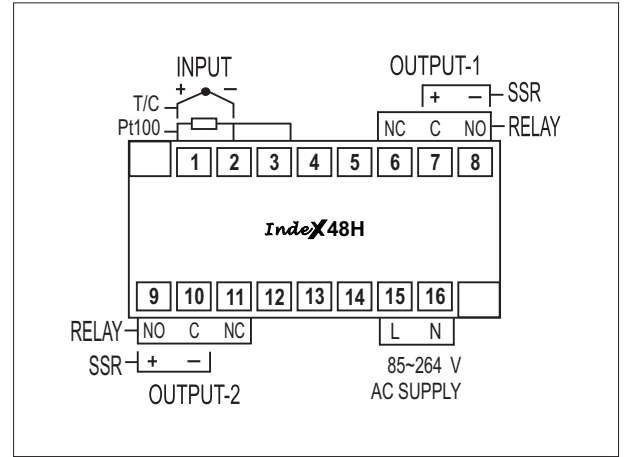
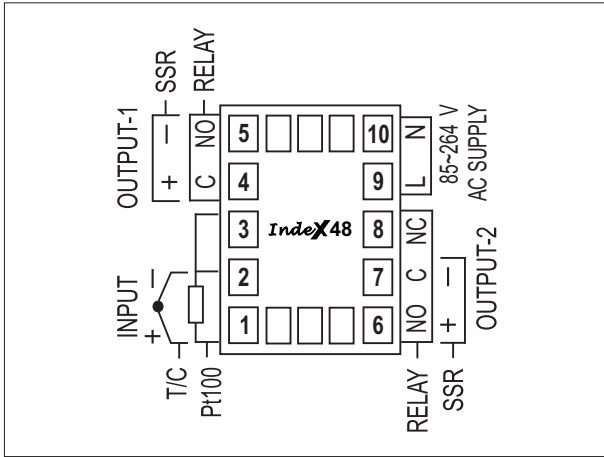
- 4 Digit Display
- J / K Thermocouple, R / S Thermocouple & RTD Pt100 Input Versions
- Facility to View & Store Min / Max Process Value
- Optional PV HOLD Facility with Relay Output
- Sizes (mm) : *Index* 48 : 48(H) X 48(W) X 85(D)
Index 48H : 48(H) X 96(W) X 65(D)
Index 72 : 72(H) X 72(W) X 65(D)
Index 96 : 96(H) X 96(W) X 65(D)

Specifications

Display		
Digital Readout	4 digits, 0.3" bright Red LED, 7 Segment (<i>Index</i> 48 and <i>Index</i> 48H) 4 digits, 0.5" bright Red LED, 7 Segment (<i>Index</i> 72 and <i>Index</i> 96)	
Status Indicators	3 Red LEDs (3mm Round)	
Keys		
Type	3 Tactile Switches	
Functions	PROGRAM, DOWN, UP	
Sensor Input		
Thermocouple Version	Type	J (0 to 960°C), K (-200 to 1375°C) or R (0 to 1770°C), S (0 to 1765°C)
	Accuracy	±0.25% of reading, ±1 LSD, ±1°C
	Correction	In-built Automatic Cold Junction Compensation

RTD Version	Type	Pt100 (Selectable : -200 to 600°C, -199.9 to 600.0°C)
	Accuracy	±0.25% of reading, ±1 LSD, ±1°C
	Correction	In-built Lead Resistance Compensation
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		
Numbers	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)	Index48 : 45(H) X 45(W) Index48H : 45(H) X 92(W) Index72 : 68(H) X 68(W) Index96 : 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	
JK	J/K Thermocouple	0	None	0	None	0	85~264 VAC	N	None	44	Index 48
RS	R/S Thermocouple	1	Relay	1	Relay			H	Hold Input	49	Index 48H
PT	RTD Pt100	2	SSR Drive	2	SSR Drive					77	Index 72
										99	Index 96

Example Code JK - 1 - 0 - 0 - N - 44
 J/K Thermocouple Input, Output-1 Relay, Output-2 None, 85~264 VAC Supply, no option, 48 X 48 Size.