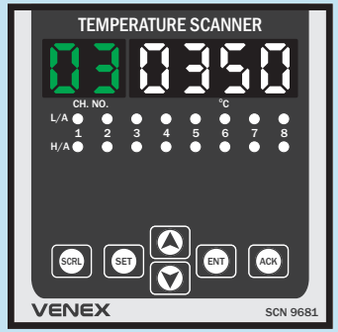
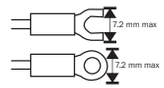


MODEL	SCN 9681	SCN 96485
Dimension (HxWxD) mm	96 X 96 X 52	96 X 96 X 52
Panel Cutout (mm)	92 X 92	92 X 92
INPUT	J (0°C to 400°C). OR K (0°C to 1200°C) OR PT-100 2W/3W (-99.9°C to 400.0°C) (Factory Set)	0-10V DC OR 4-20mA DC/0-20mA DC (Factory Set) Range (-999 to 9999)
OUTPUT	Relay (1CO, 7 AMP) (RS-485 Modbus Communication (Optional)	Relay (1CO, 7 AMP) (RS-485 Modbus Communication (Optional)
Supply Voltage	90~275 VAC, 50/60 Hz	
Control Mode	Alarm Mode	
Accuracy	±1% of FSD	
Enclosure Material	Polycarbonate + ABS Plastic	
Operating Temperature	0°C - 55°C	
relative humidity	Upto 95% RH Non Condensing	

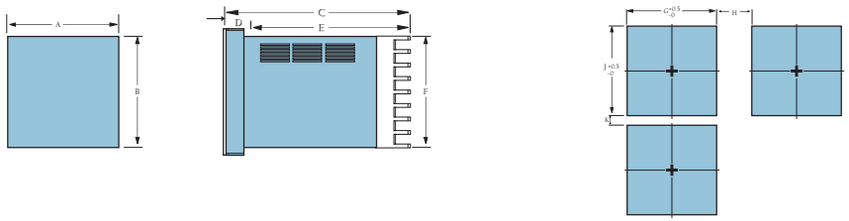
PRECAUTIONS WHEN WIRING

- Separate input leads and power lines in order to prevent external noise.
- Use specified size (M3.5, width 7.2 mm or less) crimped terminals for wiring. To connect bare wires to the terminal block, use copper braided or solid wires with a rated temperature of over 70°C and a gauge of AWG24 to AWG14 (equal to a cross-sectional area of 0.205 to 2.081 mm2). (The stripping length is 5 to 6 mm.) Up to two wires of same size and type, or two crimped terminals can be inserted into a single terminal.
- Use crimp terminals when wiring the terminals.
- Use the suitable wiring material and crimp tools for crimp terminals.
- Tighten the terminal screws to between 0.74 and 0.90 N-m.
- Use the following types of crimp terminals for M3.5 screws.



MOUNTING

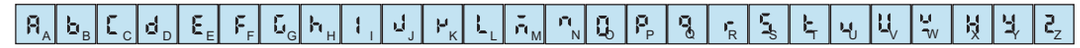
The controller can be mounted on either a vertical or tilted panel using the mounting bracket supplied. Adequate access space must be available at the back of the panel for installation and servicing activities. Overall dimensions and panel cutout requirements for mounting the controller are shown in Figure



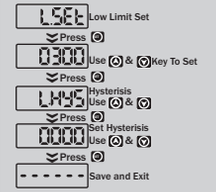
Size	A	B	C	D	E	F	G	H(Min)	J	K(Min)
(96*96)	96	96	55	3	52	92	92	25	68	25

SCN 9681 VENEX

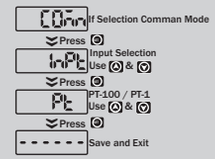
Display Alphabet Characters



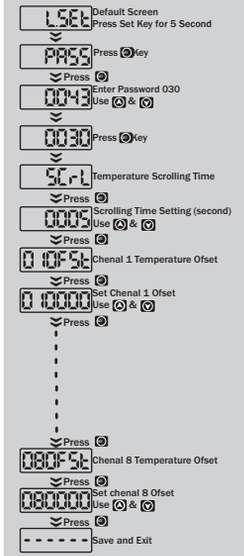
STARTING MENU



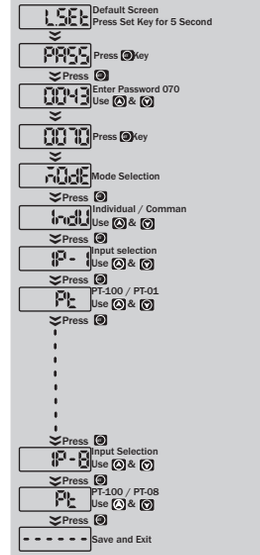
COMMAN MODE



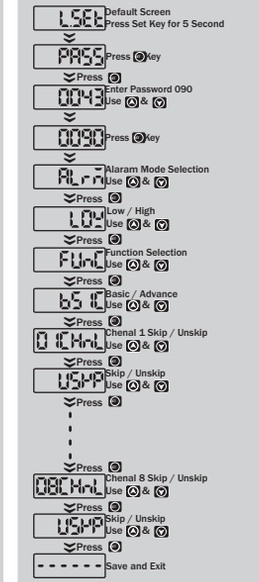
OFSET PARAMETER



CONTROL PARAMETER



CONTROL PARAMETER



LSEt	Low Limit Set	IP-1	Input Selection	0 1Chnl	Chenal 1 skip / Unskip
LHYS	Hysterisis	Pt	PT-100 /PT-1	USKP	Skip / Unskip
SCrL	Temperature Scrolling Time	ALrn	Alaram Mode Selection	COMn	Comman Mode
0 1OFSt	Chenal 1 Temperature Ofset	LOY	Low / High	InPt	Input Selection
rODE	Mode Selection	FUnC	Function Selection	Pt	PT-100 / PT-1
Indv	Individual Mod selection	bS1C	Basic / Advance		

VAPL
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