AC CONVERTER

AT-740- VAV. VAI. IAV. IAI VEV. VEI. IEV. IEI

Model：

AT-740- □ □ □ - □ □ - □

	Input
V	Voltage
I	Current

	Function
A	Average with RMS Calibration
E	RMS

	Output
V	Voltage
I	Current

	AC Input	Input Impedance
1	AC 0 - 100 V	1 MΩ
2	AC 0 - 1 V	
3	AC 0 - 5 V	
4	AC 0 - 10 V	
5	AC 0 - 35 V	
6	AC 0 - 120 V	
A	AC 4 - 1 mA	100 Ω
B	AC 0 - 10 mA	50 Ω
C	AC 0 - 20 mA	50 Ω
D	AC 0 - 100 mA	10 Ω
S	Specified	

	DC Output	Load Impedance
1	DC 1 - 5 V	> 2.5 KΩ
2	DC 0 - 10 V	> 5 KΩ
3	DC 0 - 5 V	> 2.5 KΩ
4	DC 0 - 1 V	> 500 Ω
5	DC 0 - 100 mV	> 100 KΩ
6	DC 0 - 10 mV	> 10 KΩ
7	DC ± 10 V	> 5 KΩ
A	DC 4 - 20 mA	0 - 500 Ω
B	DC 0 - 20 mA	0 - 500 Ω
C	DC 0 - 16 mA	0 - 625 Ω
D	DC 0 - 10 mA	0 - 1KΩ
E	DC 2 - 10 mA	0 - 1KΩ
F	DC 0 - 1 mA	0 - 10KΩ
S	Specified	

Power Supply

1	AC	110V ± 10%	50 / 60 Hz
2	AC	220V ± 10%	50 / 60 Hz
3	DC	24V ± 10%	
4	AC	24V ± 10%	50 / 60 Hz
S	Specified		

Descriptions：

- Model □A□ with Average with RMS Calibration is used for Sinusoidal Waveform only.
- Model □E□ with RMS is used for any Waveform.

W 50 × H 84 × D 120 mm

Features：

- Versatility of Input and Output Ranges
- Plug-in Socket Structure and DIN Rail Mounting
- High Reliability, Lasting Durability , Low Cost and Small Sized

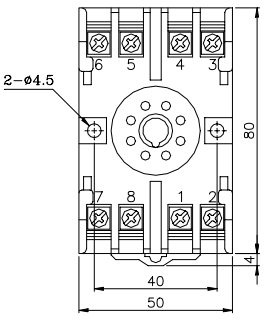
Application：

- Conversion of AC Signals from Tachometer

Specifications：

- Accuracy : ±0.1% FS. (at 23℃)
- Linearity : ±0.1% FS.
- Response Time : 0.5 sec (0 - 90%)
- Output Ripple : 0.25% (p - p) FS
- Input Frequency :
  □E□ TYPE : 0 - 2 KHz
- Temp. Coefficient : ±0.02% FS / ℃
- Operating Temp. : -5 ~ +55 ℃
- Operating Humidity : 0 - 90% RH
- Insulation Resistance :
  ≧ 100 MΩ with 500 VDC
  (Input / Output / Power)
- Dielectric Strength :
  AC 1500 V ， 1 min. (Input / Output / Power)
- Zero and Span Adjustments : ±20 % FS.
- Case Material : Case is ABS , Base is Bakelite
- Power Consumption : 4 VA

Socket and Terminal：



1	+	OUT	DC Output
2	−		
3	+	IN	AC Input
4	−		
5			
6			
7	U(+)	PWR	Power
8	V(−)		