

DC / FREQUENCY CONVERTER

AT-740- VCF
ICF

Model : AT-740- - -

VCF	Voltage to Frequency
ICF	Current to Frequency

	DC Input	I/P Impedance
1	DC 1 - 5 V	1 MΩ
2	DC 0 - 10 V	
3	DC 0 - 5 V	
4	DC 0 - 1 V	
5	DC 0 - 100 mV	
6	DC 0 - 10 mV	
7	DC ± 1 V	
A	DC 4 - 20 mA	50 Ω
B	DC 0 - 20 mA	
C	DC 0 - 16 mA	
D	DC 0 - 10 mA	
E	DC 2 - 10 mA	
F	DC 0 - 1 mA	100 Ω
S	Specified	

	Output
1	Open Collector
2	5V Voltage Pulse
3	No Voltage Contact Relay
4	12V Voltage Pulse
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

Output Signals :

- ◆ Open Collector : 30 VDC , 50 mA
0 - 10 KHz
- ◆ Voltage Pulse : 5V / 12V Pulse , 0 - 10 KHz
- ◆ No Voltage Contact Relay : 2Hz Max.
Max. AC 120V / 1A (COS θ = 1) , DC 24V / 2A
Pulse Duration : 80 ms



W 50 × H 84 × D 120 mm

Features :

- ◆ Coarse Frequency Adjustment by Inside Dip Sw.
- ◆ Fully Optic Isolated between Input and Output
- ◆ Plug-in Socket Structure and DIN Rail Mounting
- ◆ High Reliability, Lasting Durability , Small Sized and Low Cost

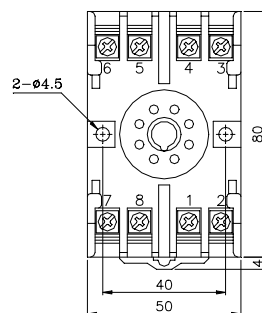
Applications :

- ◆ Totalization of Flow Sensor , Electric Power.

Specifications :

- ◆ Accuracy : ±0.2% FS. (at 23°C)
- ◆ Linearity : ±0.1% FS.
- ◆ Temp. Coefficient : ±0.02% FS / °C
- ◆ Operating Temp. : -5 ~ +55 °C
- ◆ Operating Humidity : 0 - 90% RH
- ◆ Insulation Resistance : ≥ 100 MΩ with 500 VDC
(Input / Output / Power)
- ◆ Dielectric Strength :
AC 2000 V , 1 min. (Input / Output / Power)
- ◆ Case Material : Case is ABS , Base is Bakelite
- ◆ Zero and Span Adjustments : ±10 % FS.
- ◆ Power Consumption : 4 VA

Socket and Terminal :



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