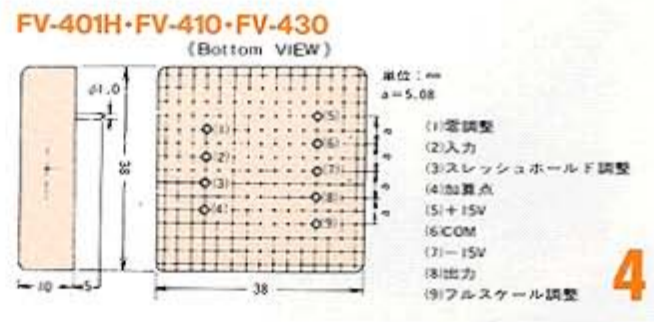


# FV 変換器

適合ソケット

	<b>FV-401H</b> <0~1KHz>	<b>FV-410</b> <0~10KHz>	<b>FV-430</b> <0~100KHz>
Input Comparator Frequency range Voltage range Impedance Pulse width Over range	0~1 KHz 50 mV~15 V <sub>I-I</sub> 1 MΩ以上 150 μ sec以上 10 %	0~10KHz 50 m~15 V <sub>I-I</sub> 1 MΩ以上 5 μ sec以上 10 %	0~100 KHz 50 m~15 V <sub>I-I</sub> 1 MΩ以上 2 μ sec以上 10 %
Output Voltage, Current Conversion equation Offset Voltage (20~50KΩ・VR) Output Protection	+10 V、20 mA $E_o = K \cdot f_{in} \pm E_{OS}$ $K \approx 10 \text{ mV/Hz}$ ±10 mV ±Vs対COM連続短絡保護 ±Vs versus COM	+10 V、20 mA $E_o = K \cdot f_{in} \pm E_{OS}$ $K \approx 0.99 \text{ V/KHz}$ ±10 mV ±Vs対COM連続短絡保護 ±Vs versus COM	+10 V、20 mA $E_o = K \cdot f_{in} \pm E_{OS}$ $K \approx 99 \text{ mV/KHz}$ ±10 mV ±Vs対COM連続短絡保護 ±Vs versus COM
Stability 25°C ±15V Linearity at: F,S Conversion Factor(0~60°C) Zero Point (0~60°C) Power Supply (fluctuation)	±0.01 % max 25ppm/°C typ、50ppm/°C max 5μV/°C typ、20μV/°C max 100 ppm/±V max	±0.01 % max 25ppm/°C typ、50ppm/°C max 5μV/°C typ、20μV/°C max 100 ppm/±V max	±0.01 % 25ppm/°C typ、50ppm/°C max 5μV/°C typ、20μV/°C max 100 ppm/±V max
Settling Time Eo=1 ~ 10V	50 m sec	5 m sec	0.5 m sec
Ripple (mVp-p) Voilatge (Ext.C=0)	f <sub>in</sub> = 10Hz~10mV f <sub>in</sub> = 1KHz~20mV	f <sub>in</sub> = 10Hz~10mV f <sub>in</sub> = 10KHz~100mV	f <sub>in</sub> = 100Hz~10mV f <sub>in</sub> = 100KHz~100mV
Power Supply Voltage, Current Power Supply Range (V)	±15 V +12 mA -20 mA ±5 %	±15V +12 mA -20 mA ±5 %	±15V +12 mA -20 mA ±5 %
Temperature Range Performance Assurance Working Storage	0~+60°C -25~+85°C -55~+125°C	0~+60°C -25~+85°C -55~+125°C	0~+60°C -25°C+85°C -55~+125°C
Socket	AMS4L	AMS4L	AMS4L

■形状及びピン名称 Feature size and Pin Assignment



- (1) zero point adjustment
- (2) input
- (3) threshold level adjustment
- (4) summing point
- (5) +15V
- (6) COM
- (7) -15V
- (8) output
- (9) full scale adjustment