

This compact plug－in converter converts voltage or a DC signal into a pulse train signal having a frequency that is proportional to its input value．Lines are insulated between input，output，and power source．

## Features

－The output pulse supports various counters．
－Capable of eliminating small signals that are out of the effective measuring range
－Withstand voltage of 2000 V AC between input，output， and power source
－Both AC flexible power supply and DC power supply are available．
－This compact plug－in high－density mountable isolator allows the user to downsize the system．

## Model name



## Specifications

## Accuracy：

Output frequency：

Response time：

Output waveform：

Monitor output：
Zero \＆span adjustment： Operating temperature Operating tem：
and humidity：
Influence of ambient temperature： Isolation：

Insulation resistance：

Dielectric strength：

Power consumption：
Influence of source voltage：$\pm 0.1 \% \mathrm{fs}$ in the range of rated voltage

Approx． $4 \mathrm{VA}(\mathrm{AC})$ ，approx． $50 \mathrm{~mA}(24 \mathrm{~V} \mathrm{DC})$
Output for Type E and G：0．00278－5 Hzfs
Output for Type C，J，and K ： $0.00278 \mathrm{Hzfs}-$ 32 kHzfs
Output for Type N： 0.00278 ？ 0.5 Hzfs $1 \mathrm{~ms}+1$／output frequency
$10 \mathrm{~ms}+1 /$／output frequency for input of 1 Vfs and 20 mA or less，
Output for Type E and G，one－shot output with ON －time of 100 ms
Output for Type C，J，K，and N，rectangular wave with approx． $50 \%$ duty
For check of input，and zero and span adjustment of output
$\pm 5 \%$ fs
-5 to $+55 \mathrm{C}, 90 \%$ RH or less （without condensation） $\pm 0.15 \% \mathrm{fs} / 10^{\circ} \mathrm{C}$
Between input，output，and power source terminals
$100 \mathrm{M} \Omega$ or more with a 500 V DC megger Between input，monitor output，output，and power source terminals
2000 V AC for 1 minute
Between input，monitor output，output，and power source terminals

Dimensions：
Weight：
Output shutdown：
84（H）x23（W）$\times 106.5(\mathrm{D}) \mathrm{mm}$
Approx． 130 g
This function forcibly cuts off output when the input signal falls below a preset value．The operation point is set to $0-10 \%$ by a trimmer． The operation can be monitored with an indi－ cator on LED．
Automatic reset works in 0.5 seconds after turning on the power．
Plug－in（consisting of main unit and socket part） M3 SEMS screw part of the base socket
Connection part：
Material of terminal screw：Chromated iron
Case color and material：Ivory，heat－resistant ABS resin（94V－0）
Mounting：
Dimensions：
Terminal arrangement：

| $\begin{array}{\|l\|l\|l\|} \hline & \text { (a) } \\ \hline & \text { (1) } \\ \hline 8 & 5 \\ \hline & \\ \hline \end{array}$ | No． | Symbol |  | Description |
| :---: | :---: | :---: | :---: | :---: |
|  | 1 | INPUT | ＋ | Input Signal |
|  | 4 | INPUT | － |  |
| 昌 昌 | 5 | MONITOR | ＋ | Monitor Output |
| ローロ | 8 | MONITOR | － |  |
|  | 9 | OUTPUT | ＋ | Output Signal |
| （12） 9 | 12 | OUTPUT | － |  |
| （44）（4） O | 13 | POWER | U（＋） | Power Supply |
| U | 14 | POWER | V（－） |  |

