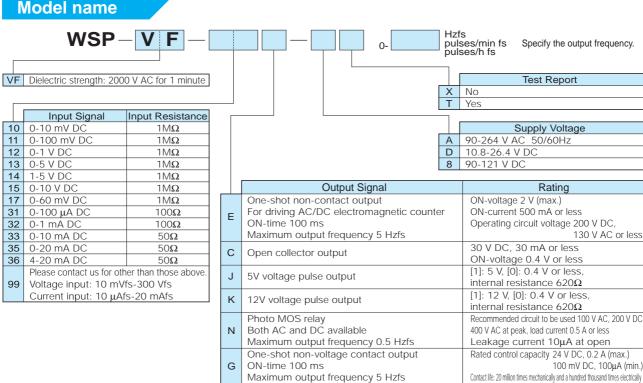


This compact plug-in converter converts voltage or a DC signal into a pulse train signal having a frequency that is proportional to its input value. Lines are insulated between input, output, and power source.

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.



Specifications

Accuracy: ±0.1%fs (at 23°C)

Output frequency: Output for Type E and G: 0.00278-5 Hzfs Output for Type C, J, and K: 0.00278 Hzfs-

32 kHzfs

Output for Type N: 0.00278 ?0.5 Hzfs Response time:

1 ms+1/output frequency

10 ms+1/output frequency for input of 1 Vfs

and 20 mA or less

Output waveform: 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

Monitor output: adjustment of output Zero & span adjustment:

±5%fs

-5 to +55C, 90% RH or less Operating temperature and humidity (without condensation)

+0.15%fs/10°C Influence of ambient temperature:

Isolation: Between input, output, and power source terminals

100 M Ω or more with a 500 V DC megger Insulation resistance: Between input, monitor output, output, and

power source terminals Dielectric strength: 2000 V AC for 1 minute

Between input, monitor output, output, and

power source terminals

. Approx. 4 VA (AC), approx. 50 mA (24 V DC) Power consumption: ±0.1%fs in the range of rated voltage Influence of source voltage:

Dimensions: 84(H)x23(W)x106.5(D)mm

Approx. 130 g
This function forcibly cuts off output when the Output shutdown:

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

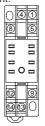
Structure: Plug-in (consisting of main unit and socket part) Connection part: M3 SEMS screw part of the base socket

Material of terminal screw: Chromated iron

Ivory, heat-resistant ABS resin (94V-0) Case color and material: Mounting: DIN rail or wall surface Dimensions: Refer to Dimensional Drawing I

Terminal arrangement:

Reset:



No.	Symbol		Description
1	INPUT	+	Input Signal
4	INPUT	-	
5	MONITOR	+	Monitor Output
8	MONITOR	-	
9	OUTPUT	+	Output Signal
12	OUTPUT	-	
13	POWER	U(+)	Power Supply
14	POWER	V(-)	