

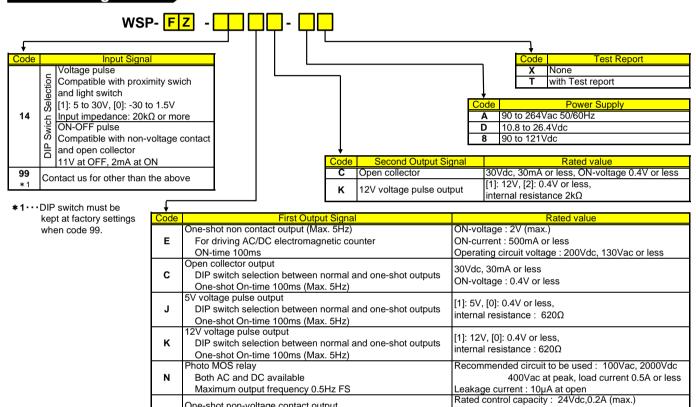
This compact plug-in converter (pulse isolator) receives a pulse string signal extracted from the sensor or control equipment, adds waveform shaping, insulation, and level conversion, and then outputs two pulse string signals.

And also provides isolation of up to 2000V between the signal input, output, and power supply.

Features

- ★ Dielectric strength of 2000Vac between input, output and power supply.
- ★ Isolated two signal outputs are available.
- ★ Both AC and DC power supply are available.
- ★ Easy maintain at plug-in structure.
- ★ RoHS conform.
- Output modes can be selected with the DIP switch.

Ordering code



Specifications

	DO (. 400 / /)	
Input / output frequency	DC to 100kHz (any frequency)	
Input waveform	Square or sine (Duty ratio 25 to 75%)	
Output waveform	For output code : 'E','G'	
	One-shot output with ON-time of 100ms (Max. 5Hz)	
	For output code : 'C', 'J', 'K', 'N'	
	Square wave synchronized with input frequency or	
	One-shot output with ON-time of 100ms (Max. 5Hz)	
	(in case of one-shot output, output signal	
	becomes unstable for 1 pulse when	
	power up or shutdown) -5 to +55°C	
Operating temperature	-5 to +55°C	
Operating relative humidity	90% or less (non-condensing)	
Isolation	Between input, output, and power supply	
Insulation resistance	100MΩ or more with a 500Vdc megger	
	Between input, output, and power supply terminal	
Dielectric strength	2000Vac for 1 minute	
Power consumption	Approx. 4.5VA (AC), Approx. 60mA (24Vdc)	
Dimention	84(H) X 23(W) X 106.5(D)mm	
Weight	Approx. 130g	
Structure	Plug-in Plug-in	
Connection	M3 SEMS screw part of the base socket	
Material of terminal screw	Chromated iron	
Case color and material	Ivory, heat-resistant ABS resin(94V-0)	
Mounting	DIN rail or wall surface	

One-shot non-voltage contact output

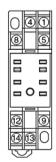
Contact us for other than the above

Maximum output frequency 5Hz FS

ON-time 100ms

Terminal Connections

Contact life: 20 million times mechanically and



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

100mVdc, 100μA (min.)

a hundred thousand times electrically