

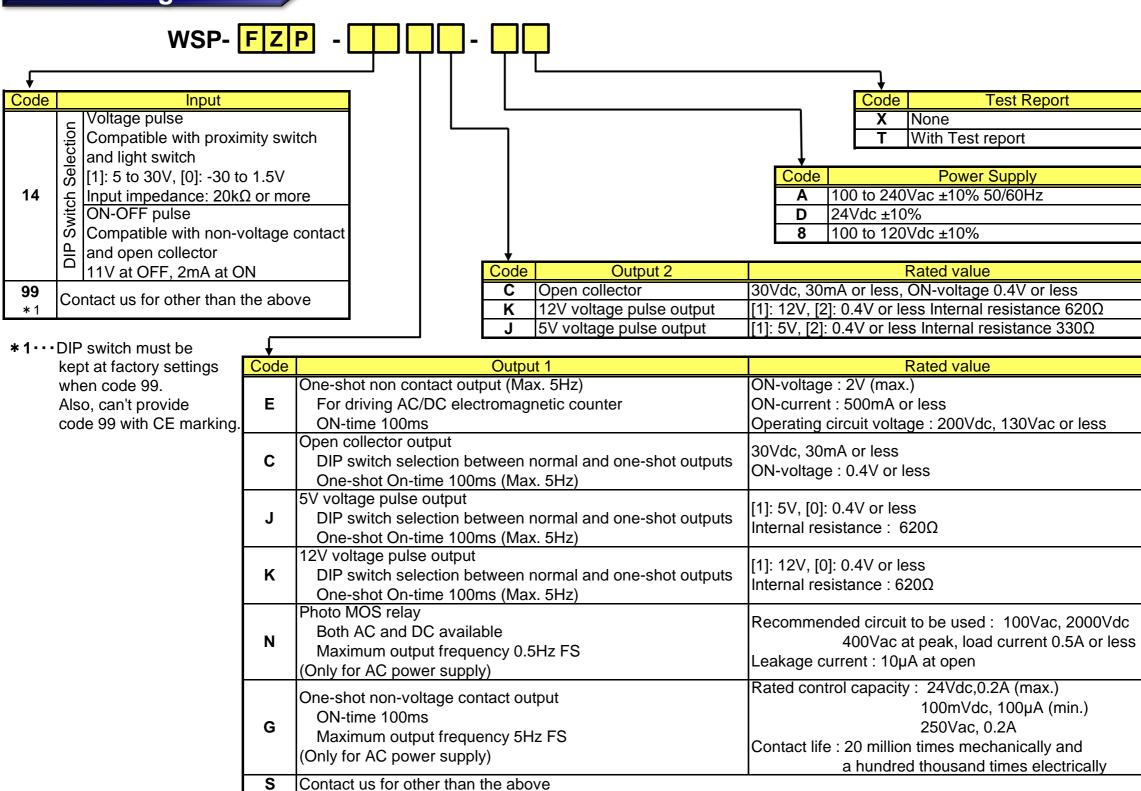
This compact plug-in converter (pulse isolator) receives a pulse train signal extracted from the sensor or control equipment, adds waveform shaping, insulation, and level conversion, and then outputs two pulse string signals.

And also provides isolation between the signal input, output, and power supply.

## **Features**

- ★ Built in excitaion 12Vdc ±5% 25mA (Sensor power supply)
- ★ Dielectric strength of 2000Vac between input, output and power supply
- ★ Isolated two signal outputs are available
- ★ Both AC and DC power supply are available
- ★ CE approved, RoHS compliant
- ★ Output modes can be selected with the DIP switch

## **Ordering code**

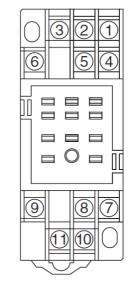


## **Specifications**

Input / output frequency	DC to 100kHz (any frequency)	
Input waveform	Square or sine (Duty ratio 25 to 75%)	
Built in excitaion	12Vdc ±5% 25mA	
(Sensor power supply)		
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)	
	(output signal becomes unstable for 1 pulse when	
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. 4.0VA (AC), Approx. 60mA (24Vdc)	
Dimensions	84(H) X 23(W) X 106.5(D)mm	
Weight	Approx. 130g	
Structure	Plug-in	
Connection	M3 SEMS screw part of the base socket	

Material of terminal screw	Chromated iron
Case color and material	lvory, heat-resistant ABS resin(94V-0)
Mounting	DIN rail or wall surface

## **Terminal connections**



No	Signal	Description	
1	INPUT(+)	Input	
2	No.2 OUTPUT(+)	No.2 Output	
3	INPUT(-)	Input	
4	NC	No connection	
5	No.2 OUTPUT(-)	No.2 Output	
6	NC	No connection	
7	No.1 OUTPUT(+)	No.1 Output	
8	NC	No connection	
9	No.1 OUTPUT(-)	No.1 Output	
10	POWER U(+)	Power Supply	
11	POWER V(-)	Fower Supply	

\* Specification is subject to change without notice