

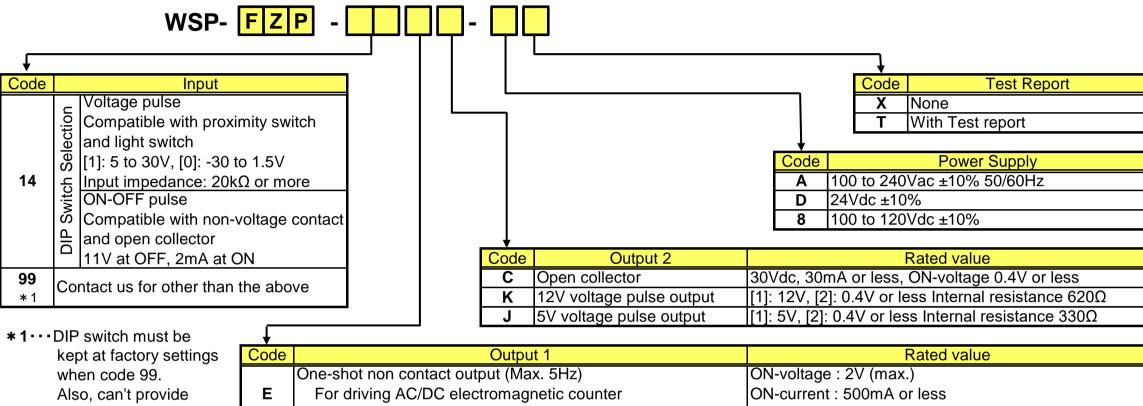
This compact plug-in converter (pulse isolator) receives a pulse train signal extracted from the sensor or control equipment, adds waveform shaping, insulation, and level conversion, and then outputs two pulse string signals.

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
- ★ Output modes can be selected with the DIP switch

Ordering code



code 99 with CE marking.

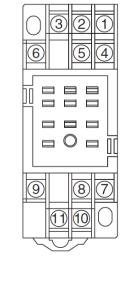
Code	Output 1	Rated value
E	One-shot non contact output (Max. 5Hz) For driving AC/DC electromagnetic counter ON-time 100ms	ON-voltage : 2V (max.) ON-current : 500mA or less Operating circuit voltage : 200Vdc, 130Vac or less
С	Open collector output DIP switch selection between normal and one-shot outputs One-shot On-time 100ms (Max. 5Hz)	30Vdc, 30mA or less ON-voltage : 0.4V or less
J	5V voltage pulse output DIP switch selection between normal and one-shot outputs One-shot On-time 100ms (Max. 5Hz)	[1]: 5V, [0]: 0.4V or less Internal resistance : 620Ω
к	12V voltage pulse output DIP switch selection between normal and one-shot outputs One-shot On-time 100ms (Max. 5Hz)	[1]: 12V, [0]: 0.4V or less Internal resistance : 620Ω
N	Photo MOS relay Both AC and DC available Maximum output frequency 0.5Hz FS (Only for AC power supply)	Recommended circuit to be used: 100Vac, 2000Vdc 400Vac at peak, load current 0.5A or less Leakage current: 10µA at open
G	One-shot non-voltage contact output ON-time 100ms Maximum output frequency 5Hz FS (Only for AC power supply)	Rated control capacity: 24Vdc,0.2A (max.) 100mVdc, 100µA (min.) 250Vac, 0.2A Contact life: 20 million times mechanically and a hundred thousand times electrically
S	Contact us for other than the above	,

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	100M Ω 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			
Applicable Directive	EN61326-1, EN61010-1, EN50581			
	Installation category: II, Pollution degree: 2			
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

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(-)	i ower Suppry	

* Specification is subject to change without notice