

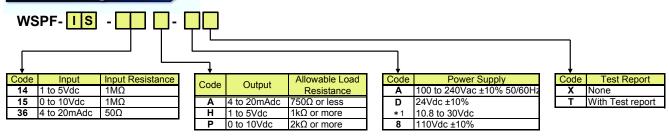
This compact plug-in type converter (isolator) provides signal output which is mutually isolated between input, output and power-supply.

It amplifies and converts various kinds of signal with isolation to use in the integrated instrumental control system. It is highly effective as noise countermeasures.

### **Features**

- ★ Fine zero & span adjustment by 15 turn trimmer
- ★ Zero & span adjustment ±10% full scale
- ★ Safe design by dielectric strength of 3000Vac
- ★ Compatible with 30Vdc power supply voltage
- ★ 5 years warranty, long life
- ★ CE approved

# **Ordering code**

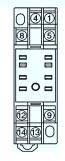


\*1···CE approval do not adapt when power supply is 10.8Vdc to 30Vdc.

# **Specifications**

Input signal	DC current / voltage			
Output signal	DC current / voltage			
Accuracy	±0.1% FS (at 23°C)			
Response time	Approx. 25ms ( 0 to 90%)			
Allowable load	Current output			
	15V or less of voltage drop between output terminal			
	Voltage output			
	Load current 5mA or less			
	*1µA or less if the output is less than 1V FS			
Zero & span adjustment	±10% FS (15 turn trimmer)			
Operating temperature range	-5 to +55°C			
Operating relative humidity	90% or less (Non-condensing)			
Storage temperature range	-10 to +60°C			
Temperature coefficient	±0.015% FS of span per °C			
Isolation	Between input, output, and power supply			
Insulation resistance	100MΩ or more with 500Vdc megger			
	Between input, output, and power supply terminal			
Dielectric strength	3000Vac for 1 minute between power supply and input/output			
	terminal,			
	2000Vac for 1 minute between input and output terminal			
Power consumption	Approx. 4.5VA (AC), Approx. 60mA (DC)			
Power supply variation	±0.1% FS (within the range of rated voltage)			
Dimensions	84(H) X 23(W) X 106.5(D)mm			
Weight	Approx. 130g			
Structure	Plug-in (Body part and socket part)			
Connection	M3 SEMS screw part of the base socket (Tightening torque 0.6N·m)			
Mounting	DIN rail or wall surface			
Case color and material	Ivory, ABS resin, flame retardant grade UL94V-0			
EMC directive	EN61326-1, EN61010-1, EN50581			
	Installation category : II, Pollution degree : 2			
Rated altitude	2000m or less			

### **Terminal connections**



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

\* Specification is subject to change without notice



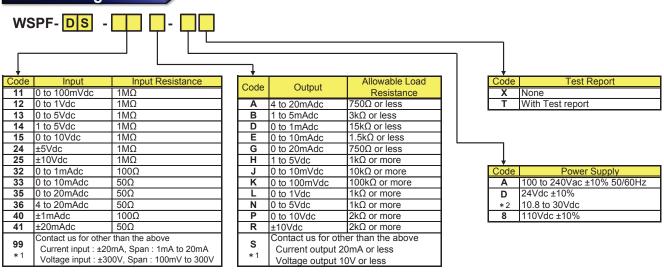
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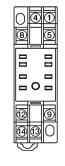


- $*1\cdots$ CE approval do not adapt input range code 99 and output range code S.
- \*2···CE approval do not adapt when power supply is 10.8Vdc to 30Vdc.

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	2000Vac for 1 minute between input and output terminal			
Power consumption	Approx. 4.5VA (AC), Approx. 60mA (DC)			
Power supply variation	±0.1% FS (within the range of rated voltage)			
Dimensions	84(H) X 23(W) X 106.5(D)mm			
Weight	Approx. 130g			
Structure	Plug-in (Body part and socket part)			
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