

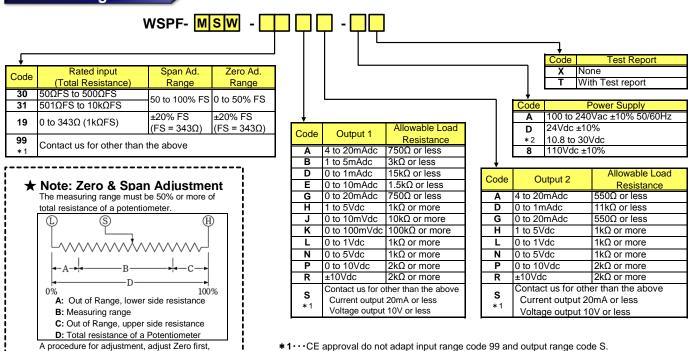
This compact plug-in signal converter connects with 3-wire type potentiometer, and provides DC voltage or current.

This converter has Isolator built-in, also has burnout protection circuit as standard equipment.

## **Features**

- ★ Fine Zero & span adjustment by 25 turn trimmer
- ★ Wide zero & span adjustment
- ★ Safe design by dielectric strength of 3000Vac
- ★ 5 years warranty, long life
- ★ CE approved
- ★ Burnout protection circuit built-in

## **Ordering code**



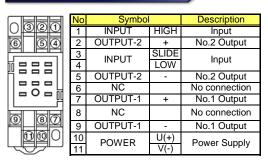
## **Specifications**

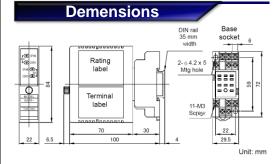
and then adjust the Span.

Input signal	3-wire type potensiometer
	±0.1% FS (at 23°C)
Accuracy	Approx. 25ms ( 0 to 90%)
Response time	7
Allowable load	Current output
	First output : 15V or less of voltage drop between output
	Second output : 11V or less of voltage drop between output
	Voltage output
	Load current 5mA or less
	*1µA or less if the output is less than 1V FS
Span adjustment	50 to 100% of rated input (25 turn trimmer)
	(±20% for input 19)
Zero adjustment	0 to 50% of span (±20% for input 19)
Operating temperature	-5 to +55°C
Operating relative humidity	90% or less (Non-condensing)
Temperature coefficient	±0.015% of span per °C
Burnout protection	Upscale / downscale *Please specify when you order for downscale
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 min between power supply and input/output terminal,
-	2000Vac for 1 min between input and output terminal
Power consumption	Approx. 5.6VA (AC), Approx. 88mA (DC)
Power supply variation	±0.1% FS (within the range of rated voltage)
Dimensions	84(H) X 29.5(W) X 106.5(D)mm
Weight	Approx. 150g
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

\*2···CE approval do not adapt when power supply is 10.8Vdc to 30Vdc.





\* Specification is subject to change without notice