

This compact plug-in converter accepts AC tachometer generators input and provides optically isolated DC voltage or current output. And also provides isolation between the signal input, output, and power supply.

Features

- ★ Dielectric strength of 2000Vac between input, output and power supply
- ★ Both AC and DC power supply are available
- ★ Accuracy at 0.2% FS, Response time 500ms
- ★ Easy to maintain by plug-in structure
- ★ RoHS compliant

Ordering code

WSP- **TGS** - [] [] - [] []

Code	Input	Input Resistance
35	0 to 35Vac	1MΩ
14	0 to 10Vac	1MΩ
15	0 to 100Vac	1MΩ
16	0 to 110Vac	1MΩ

* ... Contact us for other than the above.

Code	Output	Allowable Load
A	4 to 20mA _{dc}	750Ω or less
D	0 to 1mA _{dc}	15kΩ or less
E	0 to 10mA _{dc}	1.5kΩ or less
G	0 to 20mA _{dc}	750Ω or less
H	1 to 5V _{dc}	1kΩ or more
J	0 to 10mV _{dc}	10kΩ or more
K	0 to 100mV _{dc}	100kΩ or more
L	0 to 1V _{dc}	200Ω or more
N	0 to 5V _{dc}	1kΩ or more
P	0 to 10V _{dc}	2kΩ or more
S	Contact us for other than the above Current output 20mA or less Voltage output 10V or less	

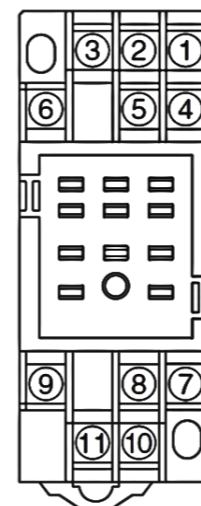
Code	Test Report
X	None
T	With Test report

Code	Power Supply
A	90 to 264Vac 50/60Hz
D	10.8 to 26.4V _{dc}
8	90 to 121V _{dc}

Specifications

Accuracy	±0.2% FS (at 23°C)
Response time	Approx. 500ms (0 to 90%)
Allowable load resistance	Current output 15V or less of voltage drop between output terminal Voltage output Load current 5mA or less For 1V FS or less of output the current is 1μA or less
Zero & span adjustment	±5% FS (1 turn trimmer)
Output ripple	±0.25% (p-p) FS or less
Input condition	Rated frequency 20 to 500Hz Waveform and frequency components : Sine wave
Operating temperature	-5 to +55°C
Operating relative humidity	90% or less (non-condensing)
Temperature coefficient	±0.015% FS of span per °C
Isolation	Between input, output, and power supply
Insulation resistance	100MΩ or more with a 500V _{dc} megger Between input, output, and power supply terminal
Dielectric strength	2000Vac for 1 minute
Power consumption	Approx. 4.5VA (AC), Approx. 60mA (24V _{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
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	NC	No connection
3	INPUT(-)	Input
4	NC	No connection
5	NC	No connection
6	NC	No connection
7	Output(+)	Output
8	NC	No connection
9	Output(-)	Output
10	POWER U(+)	Power Supply
11	POWER V(-)	

* Specification is subject to change without notice