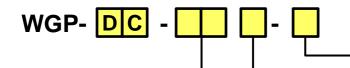


This slim-type plug-in signal converter amplifies signals of various levels, which are extracted from sensors and control equipment, and converts them to a signal level that can be integratedly handled in the measurement control system.

Features

- ★ Dielectric strength of 2000Vac between input, output and power supply
- ★ High vibration tolerance
- ★ Both AC and DC power supply are available
- ★ Accuracy at 0.1% FS, Response time 25ms
- ★ Easy to maintain by plug-in structure

Ordering code



<u> </u>		
Code	Input	Input Resistance
10	0 to 10mVdc	1ΜΩ
11	0 to 100mVdc	1ΜΩ
12	0 to 1Vdc	1ΜΩ
13	0 to 5Vdc	1ΜΩ
14	1 to 5Vdc	1ΜΩ
15	0 to 10Vdc	1ΜΩ
16	0 to 50mVdc	1ΜΩ
17	0 to 60mVdc	1ΜΩ
20	±10mVdc	1ΜΩ
21	±50mVdc	1ΜΩ
22	±100mVdc	1ΜΩ
23	±1Vdc	1ΜΩ
24	±5Vdc	1ΜΩ
25	±10Vdc	1ΜΩ
30	0 to 10µAdc	1ΜΩ
31	0 to 100µAdc	1ΜΩ
32	0 to 1mAdc	1ΜΩ
33	0 to 10mAdc	1ΜΩ
34	0 to 16mAdc	1ΜΩ
35	0 to 20mAdc	1ΜΩ
36	4 to 20mAdc	1ΜΩ
40	±1mAdc	1ΜΩ
41	±20mAdc	1ΜΩ
	Contact us for other than the above Full Scale Range:	
99		
* 1	Current input 10µA to 50mA	
	Voltage input 10mV to 300V	

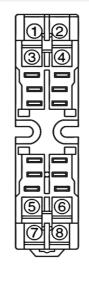
Code	Output	Allowable Load
Α	4 to 20mAdc	750Ω or less
В	1 to 5mAdc	3kΩ or less
С	2 to 10mAdc	1.5kΩ or less
D	0 to 1mAdc	15kΩ or less
Е	0 to 10mAdc	1.5kΩ or less
F	0 to 16mAdc	937Ω or less
G	0 to 20mAdc	750Ω or less
Н	1 to 5Vdc	2.5kΩ or more
J	0 to 10mVdc	10kΩ or more
K	0 to 100mVdc	100kΩ or more
L	0 to 1Vdc	500Ω or more
N	0 to 5Vdc	2.5kΩ or more
Р	0 to 10Vdc	5kΩ or more
R	±10Vdc	5kΩ or more
	Contact us for other than the above Current output 20mA or less	
S		
Voltage output 10V or less		or less

+	
Code	Power Supply
1	100 to 120Vac ±10% 50/60Hz
2	200 to 240Vac ±10% 50/60Hz
3	24Vdc ±10%
7	48Vdc ±10%
8	110Vdc ±10%

Specifications

Accuracy	±0.1% FS (at 23°C)
Response time	Approx. 25ms (0 to 90%)
Allowable load resistance	Current output
	15V or less of voltage drop
	between output terminal
	Voltage output
	Load current 2mA or less
	For 1V FS or less of output the current is
	1μA or less
Zero & span adjustment	±10% FS (3 turn trimmer)
Operating temperature	-5 to +55°C
Operating relative humidity	90% or less (non-condensing)
Temperature coefficient	±0.015% FS of span per °C
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. 4.5VA (AC), Approx. 90mA (DC)
Dimensions	105(H) X 25.6(W) X 136.5(D)mm
Weight	Approx. 200g
Structure	Plug-in
Connection	M3.5 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(+)	Innut	
2	INPUT(-)	Input	
3	NC	No connection	
4	NC	No connection	
5	OUTPUT(+)	Output	
6	OUTPUT(-)	Output	
7	POWER U(+)	Power Supply	
8	POWER V(-)	Power Suppry	

^{*} Specification is subject to change without notice