

Converter which outputs the DC signal proportional to the difference between detected maximum value of the input signal

Features

- ★ Operates as isolator when hold terminal is OFF
- ★ Easy maintenance by plug-in structure
- ★ Wide zero & span adjustment  $\pm 10\%$  full scale
- ★ CE approved

Ordering code

WSP- [ ] - [ ] - [ ]

Code	Test Report
PH	High holder
PL	Low holder
PW	Peak-to-peak holder

Code	Test Report
X	None
T	With Test report

Code	Input	Input Resistance
11	0 to 100mVdc	1M $\Omega$
12	0 to 1Vdc	1M $\Omega$
13	0 to 5Vdc	1M $\Omega$
14	1 to 5Vdc	1M $\Omega$
15	0 to 10Vdc	1M $\Omega$
32	0 to 1mA dc	50 $\Omega$
33	0 to 10mA dc	50 $\Omega$
34	0 to 16mA dc	50 $\Omega$
35	0 to 20mA dc	50 $\Omega$
36	4 to 20mA dc	50 $\Omega$
99 * 1	Contact us for other than the above Current input : $\pm 20$ mA, Span : 1mA to 40mA Voltage input : $\pm 10$ V, Span : 10mV to 20V	

Code	Output	Allowable Load
A	4 to 20mA dc	750 $\Omega$ or less
D	0 to 1mA dc Accuracy at $\pm 1.6\%$ FS	15k $\Omega$ or less
G	0 to 20mA dc	750 $\Omega$ or less
H	1 to 5Vdc	2.5k $\Omega$ or more
L	0 to 1Vdc	500 $\Omega$ or more
N	0 to 5Vdc	2.5k $\Omega$ or more
P	0 to 10Vdc	10k $\Omega$ or more
S * 1	Contact us for other than the above Current output 20mA or less Voltage output 10V or less	

Code	Power Supply
A	100 to 240Vac $\pm 10\%$ 50/60Hz
D	24Vdc $\pm 10\%$
8	100 to 120Vdc $\pm 10\%$

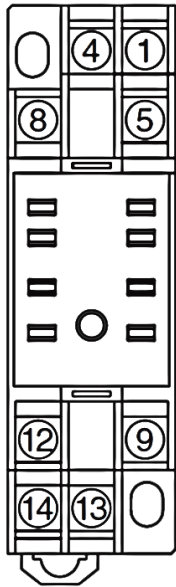
Applicable Directive (89/336/EEC)  
EMI EN61000-6-4  
EMS EN61000-6-2  
Low voltage directive (73/23/EEC)  
EN61010-1

\* 1...CE approval do not adapt input range code 99 and output range code S.

Specifications

Accuracy	$\pm 0.1\%$ FS (at 23°C) * Accuracy differs on Code '99' and 'S', depending on the range.
Response time	Approx. 100ms ( 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 1mA or less
Zero & span adjustment	$\pm 10\%$ FS (Front switch)
Hold signal	Non-contact dry contact (Hold when ON)
Operating temperature	-5 to +55°C
Operating relative humidity	90% or less (non-condensing)
Temperature coefficient	$\pm 0.015\%$ FS of span per °C
Isolation	Between input, output, and power supply
Insulation resistance	100M $\Omega$ or more with a 500Vdc megger Between input, output, and power supply terminal
Dielectric strength	2000Vac for 1 minute
Power consumption	Depends on power supply. For code 'A' : Approx. 5.5VA (100 to 240Vac $\pm 10\%$ ) For code 'D' : Approx. 100mA (24Vdc $\pm 10\%$ ) For code '8' : Approx. 25mA (100 to 120Vdc $\pm 10\%$ )
Power supply variation	$\pm 0.1\%$ FS (within the range of rated voltage)
Dimensions	84(H) X 23(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
4		-	
8	HOLD	+	Hold
5	NC		No connection
9	OUTPUT	+	Output
12		-	
13	POWER U	+	Power Supply
14	POWER V	-	

\* Specification is subject to change without notice