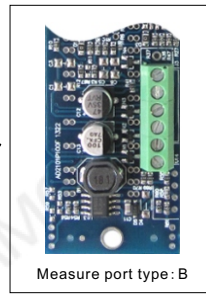
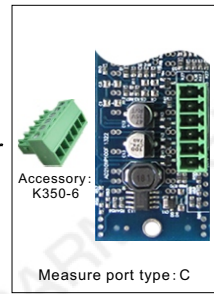


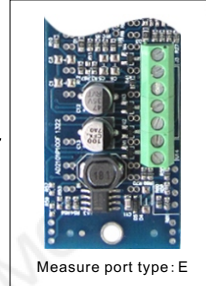
or



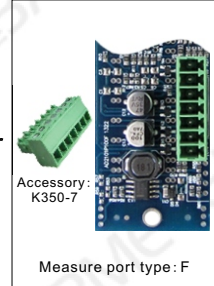
or



or



or



### SPECIFICATIONS

2013.07—

### FEATURES

- Display widely by raster with colorful and fine lines.
- Single module structure, easy to install.
- Wide range power supply and low power consumption.
- Used to measure and display DC value.

[Http://www.barmeter.com](http://www.barmeter.com)

### DESCRIPTIONS

- Input mode : Current, Voltage, Potentiometer, Pt100 RTD
- Max. Input over capability :  $2 \times$  Input value
- Input resistance via for volt meter :  $> 500K\Omega$
- Resistance via for current meter :  $< 50\Omega$
- Measuring accuracy :
  1. Current, Voltage  $\pm 0.5\%$  F. S.  $\pm 1$ Segment
  2. Potentiometer, Pt100 RTD  $\pm 1.0\%$  F. S.  $\pm 1$ Segment
- Effective beam number : 2X101 Segments
- Bargraph length : 100 mm
- Bargraph width : 4.2 mm
- Segment pitch : 1.0 mm
- Zero and full adjust ratio :  $\pm 10\sim 20\%$
- Power Supply and Range :
 

Non-Isolated	Normal:	DC5V $\pm 10\%$
	Optional:	DC12V (10~15V) DC24V (20~28V)
Isolated	DC5V $\pm 5\%$ , DC12V $\pm 5\%$ , DC24V $\pm 5\%$ Insulating Intension: DC1000V 1min	
- Power consumption :  $\leq 600mW$  (F.S.)
- Environment :  $-30\sim 70^\circ C$  &  $< 85\%RH$

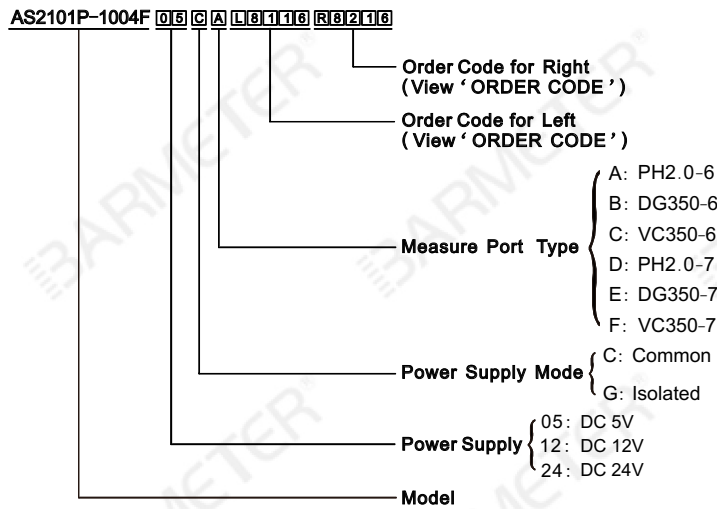
### ORDER CODE

Bar color	0~5V	1~5V	0~10mA	4~20mA	0~10V
Left Red	L8111	L8112	L8113	L8114	L8115
Right Red	R8111	R8112	R8113	R8114	R8115
Left Green	L8211	L8212	L8213	L8214	L8215
Right Green	R8211	R8212	R8213	R8214	R8215
Left R(G)*	L8311	L8312	L8313	L8314	L8315
Right R(G)*	R8311	R8312	R8313	R8314	R8315
Left G(R)*	L8411	L8412	L8413	L8414	L8415
Right G(R)*	R8411	R8412	R8413	R8414	R8415

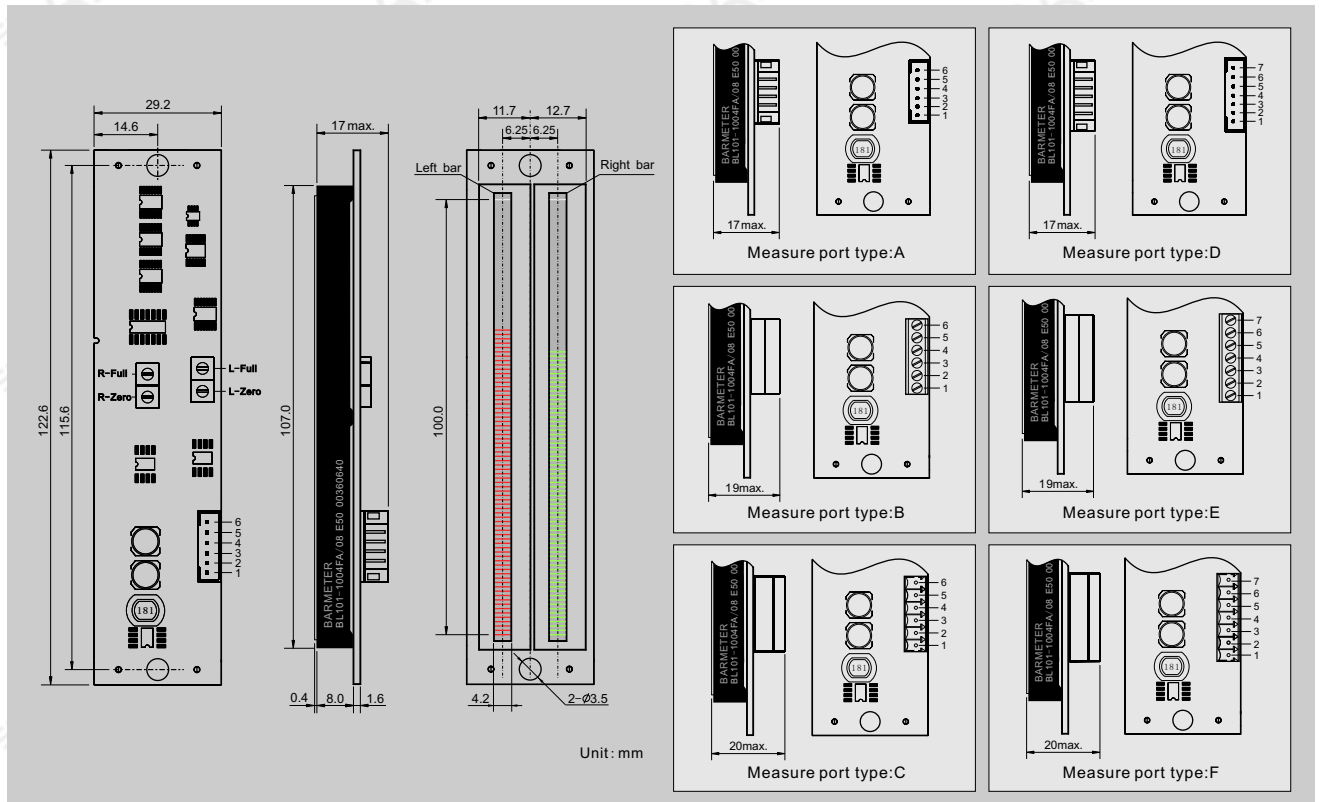
Bar color	Potentiometer 2~10K $\Omega$	Pt100 RTD -30~100 $^\circ C$	Pt100 RTD 0~400 $^\circ C$
Left Red	L8116	L8117	L8118
Right Red	R8116	R8117	R8118
Left Green	L8216	L8217	L8218
Right Green	R8216	R8217	R8218
Left R(G)*	L8316	L8317	L8318
Right R(G)*	R8316	R8317	R8318
Left G(R)*	L8416	L8417	L8418
Right G(R)*	R8416	R8417	R8418

\* Contiguous 9 red segments and 1 green segment cling together  
 \* Contiguous 9 green segments and 1 red segment cling together

### MODEL AND ORDERING CODE



### DIMENSION



### CONNECTION DIAGRAM (J1)

#### 6-Pin Connector

Pin No.	Symbol	Wire color	Definition
1	PS(-)	Black	Negative Power Supply
2	LIN(-)	Blue	Left Input low
3	LIN(+)	Yellow	Left Input high
4	PS(+)	Red	Positive Power Supply
5	RIN(-)	Purple	Right Input low
6	RIN(+)	White	Right Input high

#### Notes:

6-pin connector will be supplied when the input type is voltage or current.

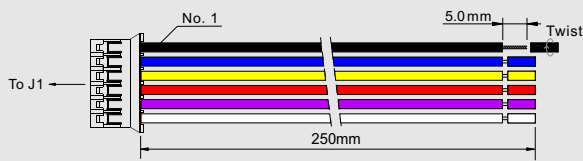
7-pin connector will be supplied when the input type is potentiometer or Pt100 RTD.

### 7-Pin Connector

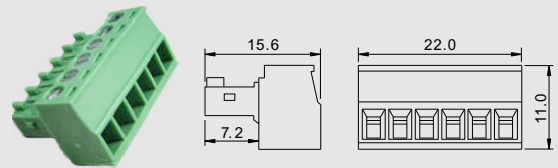
Pin No.	Symbol	Wire color	Definition
1	PS(-)	Black	Negative Power Supply
2	Rb(1)/Pa(1)	Blue	One input port for potentiometer/Pt100 RTD
3	Rc(1)/Pb(1)	Yellow	One input port for potentiometer/Pt100 RTD
4	PS(+)	Red	Positive Power Supply
5	Rb(2)/Pa(2)	Purple	One input port for potentiometer/Pt100 RTD
6	Rc(2)/Pb(2)	White	One input port for potentiometer/Pt100 RTD
7	Ra/Pg	Brown	One input port for potentiometer/Pt100 RTD

### CONNECTOR

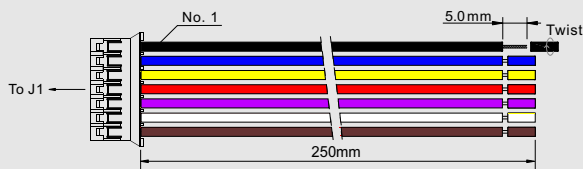
WPH-206L25-1 (Match with measure port type A)



K350-6 (Match with measure port type C)



WPH-207L25-1 (Match with measure port type D)



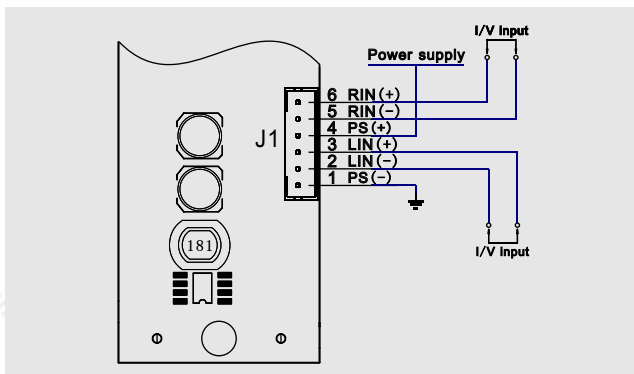
K350-7 (Match with measure port type F)



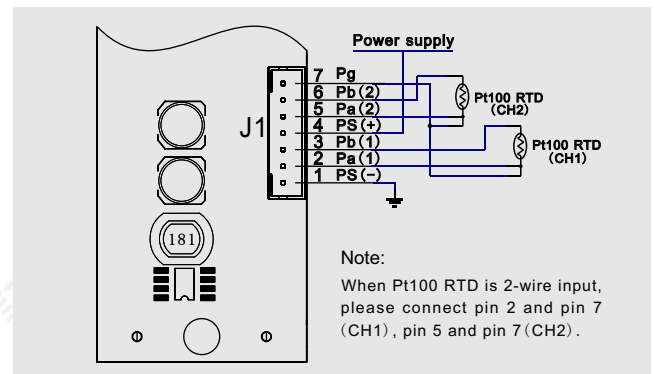
Unit: mm

## APPLICATION EXAMPLES

### Voltage / Current



### Pt100 RTD



### Potentiometer

