

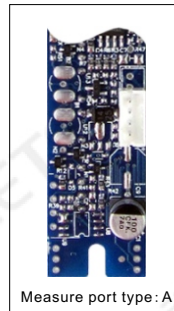
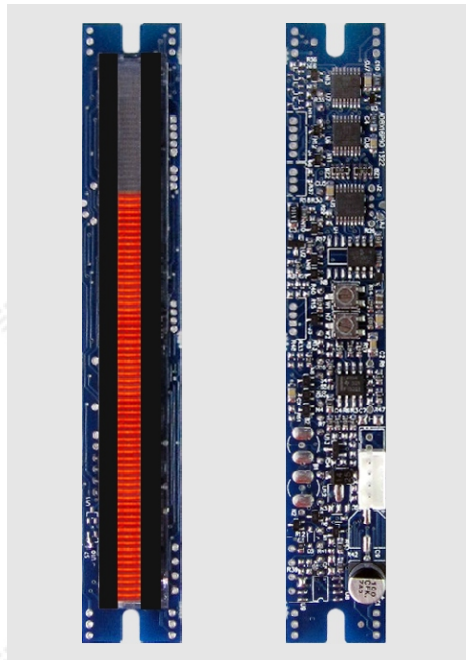
AS Series of LEDs Bargraph Meter Modules

AS1101P-904F

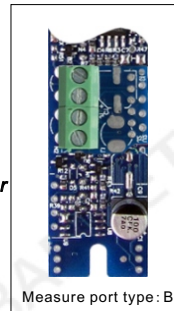
101Segments 90mm Single Bargraph Meter Module

AS

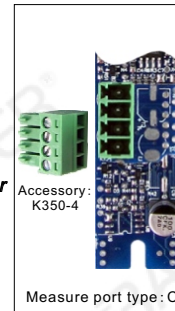
F



Measure port type: A



Measure port type: B

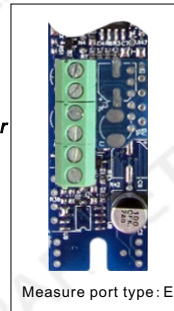


Measure port type: C

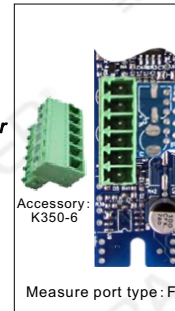
Accessory:
K350-4



Measure port type: D

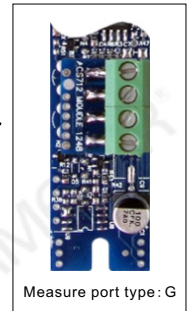


Measure port type: E



Measure port type: F

Accessory:
K350-6



Measure port type: G

SPECIFICATIONS

2013.07 —

FEATURES

- Display widely by raster with colorful and fine lines.
- Wide range of power supply and low power consumption.
- Single module structure, easy to install.
- 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:

Current, Voltage	$\pm 0.5\%F. S. \pm 1$ Segment
Potentiometer, Pt100 RTD	$\pm 1.0\%F. S. \pm 1$ Segment
- Effective Beam Number: 101 Segments
- Bargraph Length: 90 mm
- Segment pitch: 0.9 mm
- Bargraph Width: 4.2 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: $\leq 500mW$ (F. S.)
- Environment: $-30 \sim 70^\circ C$ & $< 85\%RH$

ORDER CODE

Bar color	0~5V	1~5V	0~10mA	4~20mA	0~10V
Red 	7011	7012	7013	7014	7015
Green 	7021	7022	7023	7024	7025
Yellow 	7031	7032	7033	7034	7035
R(G)* 	7041	7042	7043	7044	7045
G(R)* 	7051	7052	7053	7054	7055

Bar color	Potentiometer 2~10K Ω	Pt100 RTD -30~100 $^\circ C$	Pt100 RTD 0~400 $^\circ C$	0~5A
Red 	7016	7017	7018	7019
Green 	7026	7027	7028	7029
Yellow 	7036	7037	7038	7039
R(G)* 	7046	7047	7048	7049
G(R)* 	7056	7057	7058	7059

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

BARMETER

Barmeter Electronics Co., Ltd.

TEL: 86-21-68065675, 68065676 FAX: 86-21-68065673

No.5998 Yanggao Rd(s). Shanghai <http://www.barmeter.com>

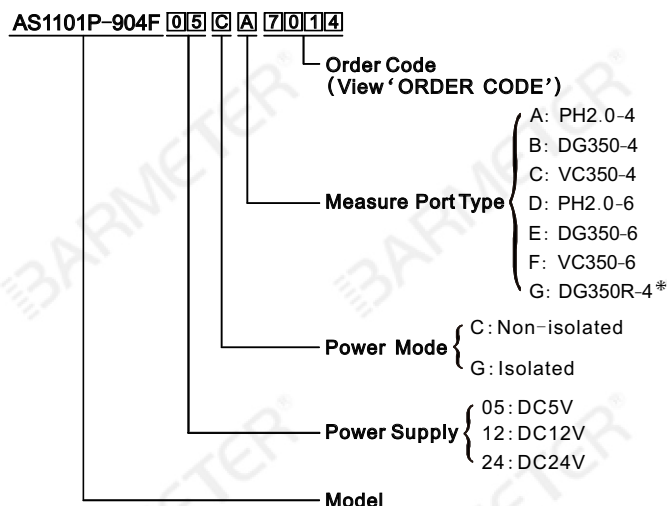
AS Series of LEDs Bargraph Meter Modules

AS1101P-904F

101Segments 90mm Single Bargraph Meter Module

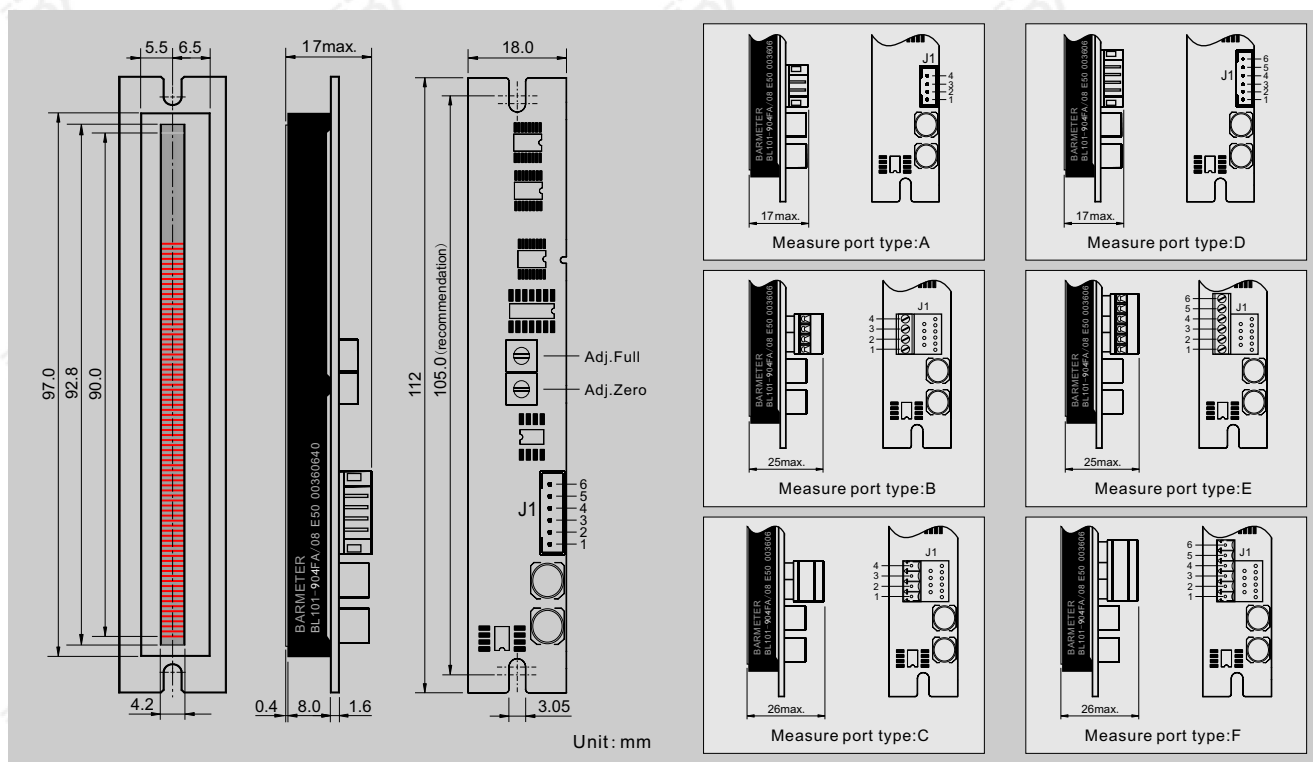
AS

MODEL AND ORDERING CODE



* The measure port type G and the product of 0-5A match with each other.

DIMENSION



CONNECTION DIAGRAM (J1)

4-Pin Connector

Pin No.	Symbol	Wire color	Definition
1	PS(-)	Black	Negative Power Supply
2	IN(L)	Blue	Input Low
3	IN(H)	Yellow	Input High
4	PS(+)	Red	Positive Power Supply

Notes:

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

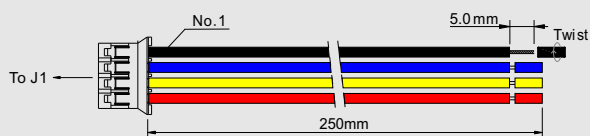
6-pin connector will be supplied when the input type is potentiometer or Pt100 RTD.

6-Pin Connector

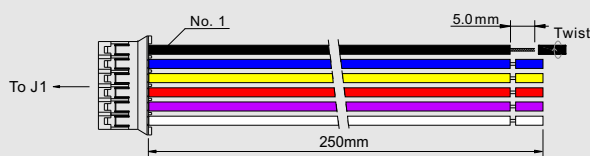
Pin No.	Symbol	Wire color	Definition
1	PS(-)	Black	Negative Power Supply
2	NC / Pa	Blue	Undefined (for potentiometer input) / one input port for Pt100 RTD
3	Rc / Pb	Yellow	One input port for potentiometer / Pt100 RTD
4	PS(+)	Red	Positive Power Supply
5	Rb / NC	Purple	One input port for potentiometer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

• CONNECTOR

WPH-204L25-1 (Match with measure port type A)



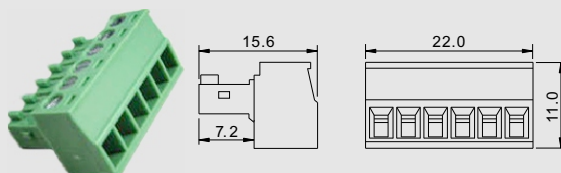
WPH-206L25-1 (Match with measure port type D)



K350-4 (Match with measure port type C)



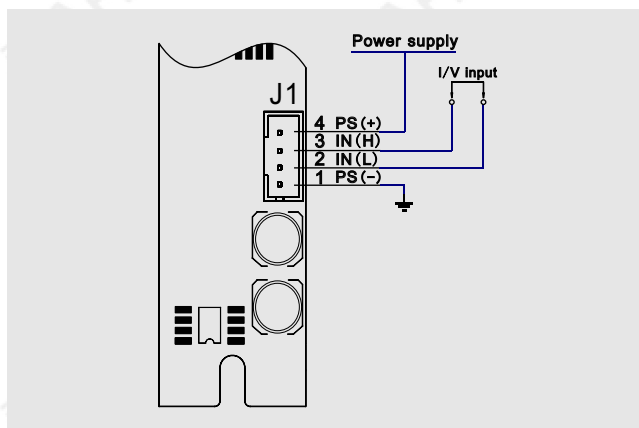
K350-6 (Match with measure port type F)



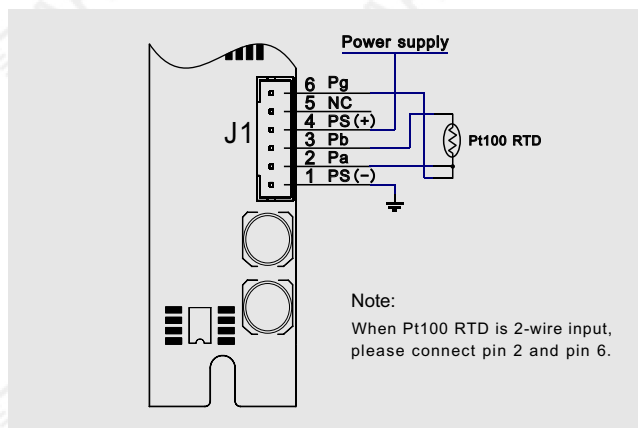
Unit: mm

■ APPLICATION EXAMPLES

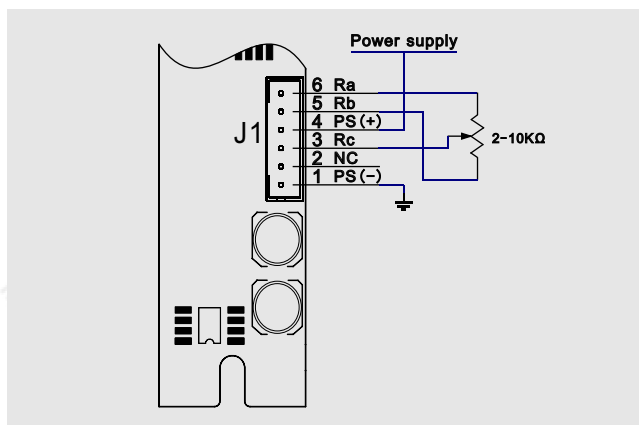
• Voltage/Current



• Pt100 RTD



• Potentiometer



• 0-5A Input

