

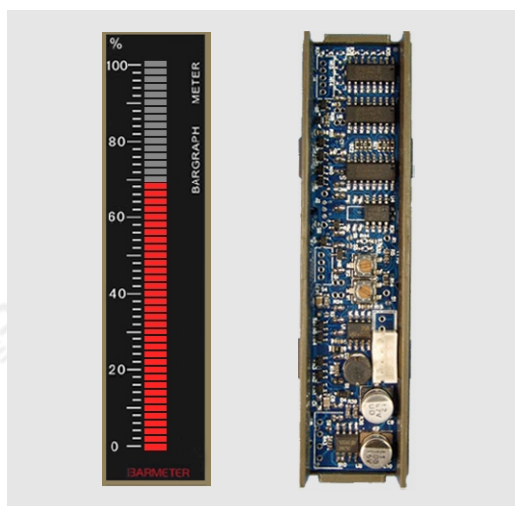
AE Series of LEDs Bargraph Panel Meter

AE151S29Z

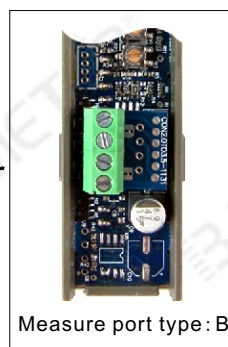
51Segments Single Bargraph Panel Meter (24X96)

AE

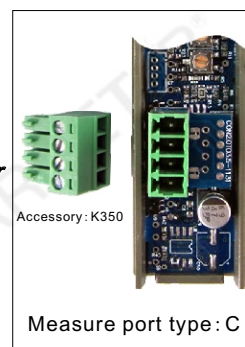
S



or



or



SPECIFICATIONS

2012.07 —

FEATURES

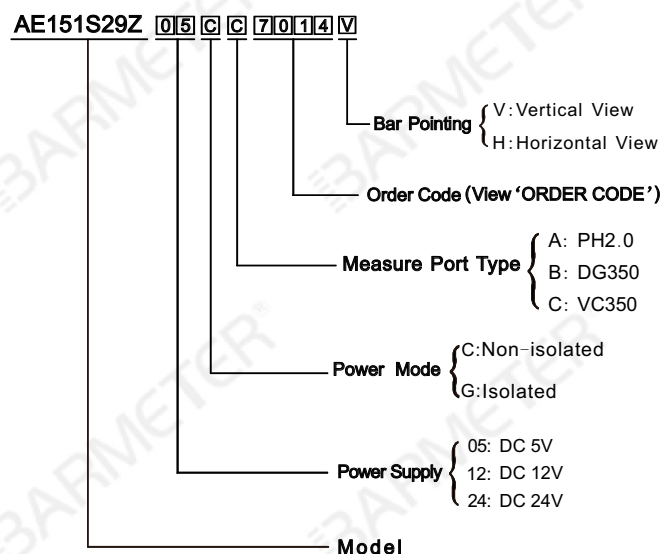
- Rectangle windows technics with soft tinct.
- Wide range power supply and low power consumption.
- Embedded structure meter, easy to install .
- Used in measure and display DC value.

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

DESCRIPTIONS

- **Input Mode:** Current, Voltage, Rheostat
- **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 $\pm 0.5\% \text{ F.S. } \pm 1 \text{ Segment}$
 - 2. Rheostat $\pm 1.0\% \text{ F.S. } \pm 1 \text{ Segment}$
- **Effective Beam Number :** 51 Segments
- **Bargraph Length :** 75 mm
- **Segment pitch :** 1.5 mm
- **Bargraph Width :** 5.0 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:** $\leq 300\text{mW (F.S.)}$
- **Environment:** $-30 \sim 70^\circ\text{C}$ & $< 85\% \text{RH}$

MODEL AND ORDERING CODE



ORDER CODE

Bar color	0~5V	1~5V	0~10mA	4~20mA	0~10V	Rheostat 2~10KΩ
Red	7011	7012	7013	7014	7015	7016
Green	7021	7022	7023	7024	7025	7026
Yellow	7031	7032	7033	7034	7035	7036
R(G)*	7041	7042	7043	7044	7045	7046
G(R)*	7051	7052	7053	7054	7055	7056

- * 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>

AE Series of LEDs Bargraph Panel Meter

AE151S29Z

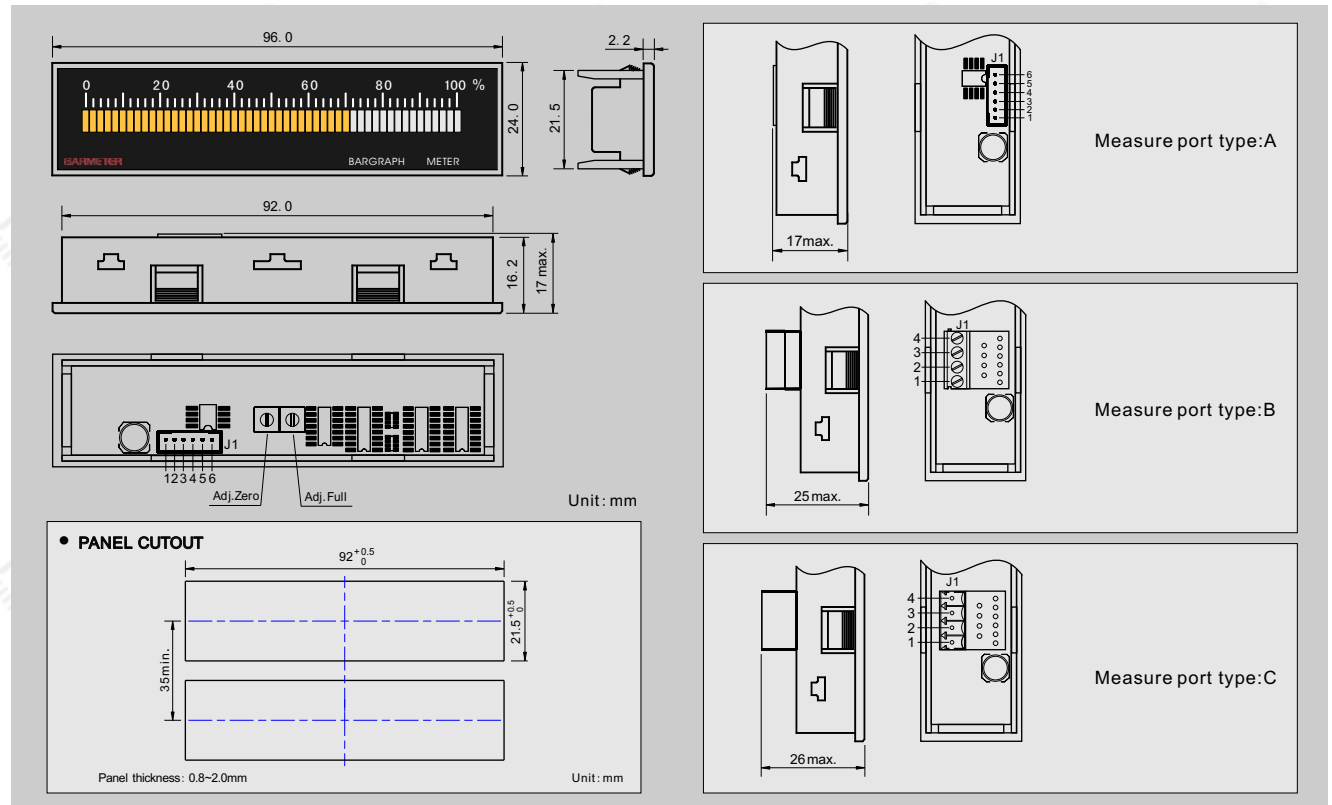
51Segments Single Bargraph Panel Meter (24X96)

AE

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■ DIMENSION

• MODULE



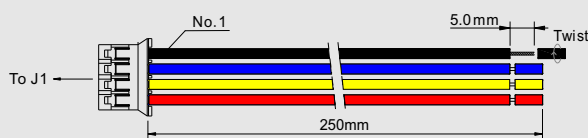
■ MEASURE PORT PINOUT (J1)

No.	Symbol	Wire color	Definition	Note
1	PS-	Black	Power Supply Negative	
2	IN(L)	Blue	Input Low	
3	IN(H)	Yellow	Input High	
4	PS+	Red	Power Supply Positive	
5	Vref	Purple	Vref Output	*
6	GND	White	Internal Ground	*

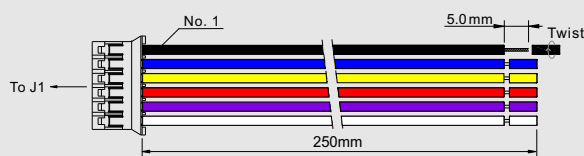
* When order '70X6' (View 'ORDER CODE')

• CONNECTOR (When the measure port choose type A)

WPH-204L25-1

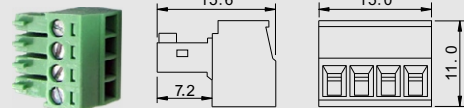


WPH-206L25-1 (When order '70X6')

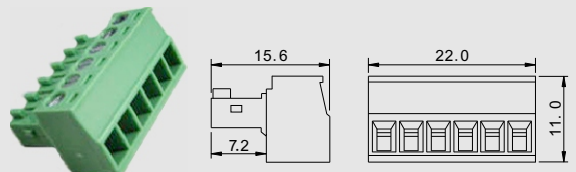


• CONNECTOR (When the measure port choose type C)

K350-4



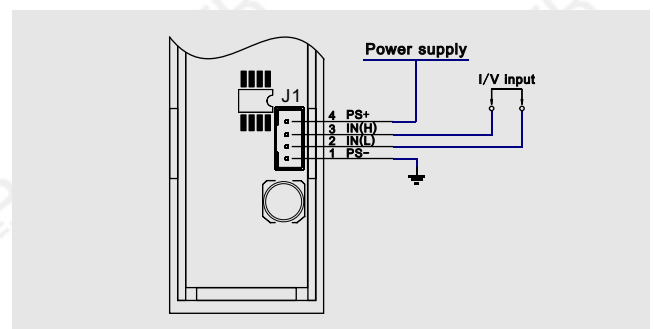
K350-6 (When order '70X6')



Unit: mm

■ THE APPLICATION OF SIGNAL INPUT

• The Application of Voltage and Current Input



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• The Application of Rheostat Input

