



FEATURES

- Display Widely by raster with colorful and fine lines.
- Wide range power supply and low power consumption.
- Embedded structure meter so than can be installed easily.
- Power output for transmitter is optional.
- Used to measure and display the value of DC current, voltage, rheostat or thermocouple.

MODEL AND ORDERING CODE

AP1101F314Z D1 N 70111

Order Code (View 'ORDER CODE')

Power Output for Transmitter { N: None
O: DC24V,0.1APower Supply { D1: DC10~28V
D2: DC36~72V
A1: AC86~264V

Model

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

■ DESCRIPTIONS

- Input Type : Current, Voltage, Rheostat, Thermocouple

- Max. Input Over Capability : 2×input value

- Input Resistance Via Voltage Meter : >500KΩ

- Resistance Via Current Meter : <50Ω

- Measuring Accuracy :

- 1.Current,voltage $\pm 0.5\% \text{ F.S.} \pm 1 \text{ Segment}$
- 2.Rheostat $\pm 1.0\% \text{ F.S.} \pm 1 \text{ Segment}$
- 3.Thermocouple $\pm 1.0\% \text{ F.S.} \pm 1 \text{ Segment}$

- Zero and Full Adjust Ratio : $\pm 10 \sim 20\%$

- Effective Beam Number : 101 Segments

- Bargraph Length : 100mm

- Segment pitch : 1.0 mm

- Power Supply and Range : D1:DC10~28V
D2:DC36~72V
A1: 86~264V

- Power Consumption : $\leq 0.7 \text{ W (F.S.)}$

- Environment : $-30^{\circ}\text{C} \sim 70^{\circ}\text{C}$ & $< 85\% \text{ RH}$

■ 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
Y(R)*	7061	7062	7063	7064	7065

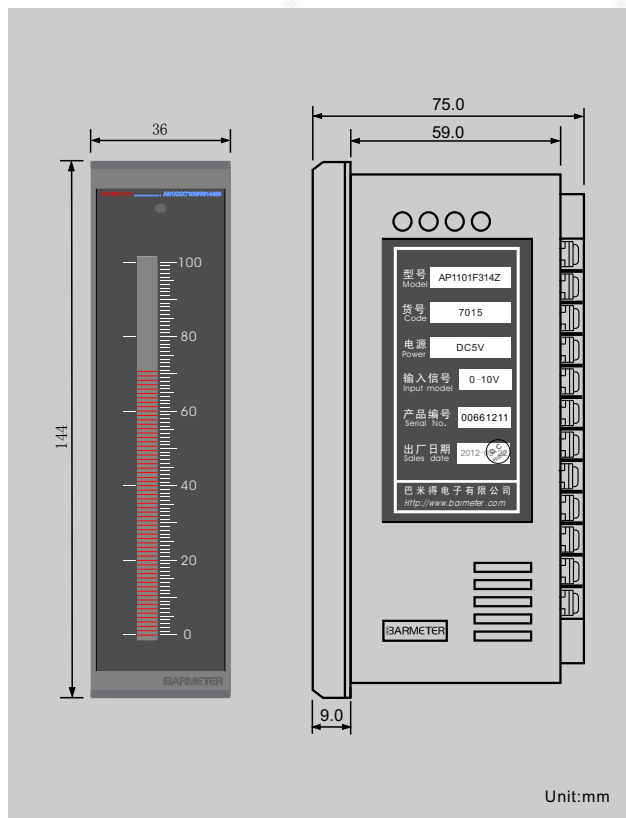
Bar color	Rheostat	Thermocouple (K)
Red	7016	7017K
Green	7026	7027K
Yellow	7036	7037K
R(G)*	7046	7047K
G(R)*	7056	7057K
Y(R)*	7066	7067K

* Contiguous 9 red segments and 1 green segment cling together

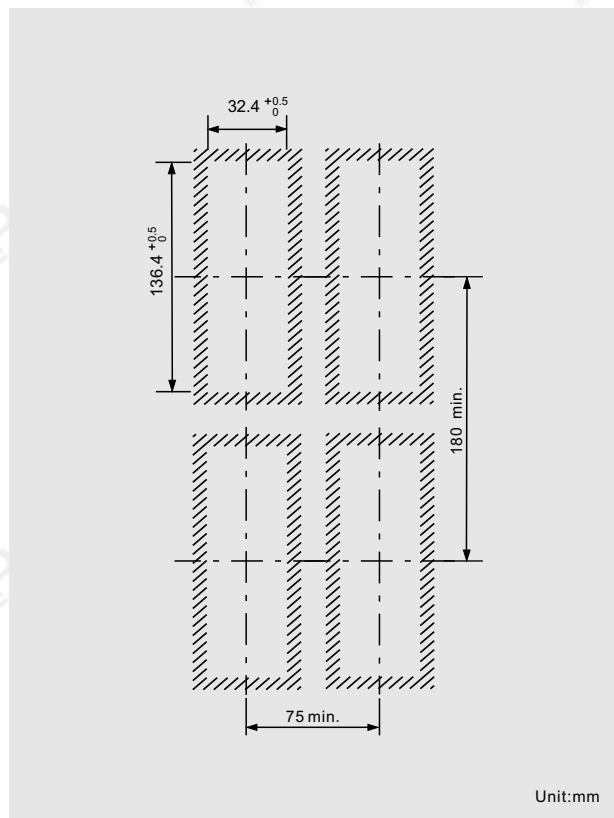
* Contiguous 9 green segments and 1 red segment cling together

* Contiguous 9 yellow segments and 1 red segment cling together

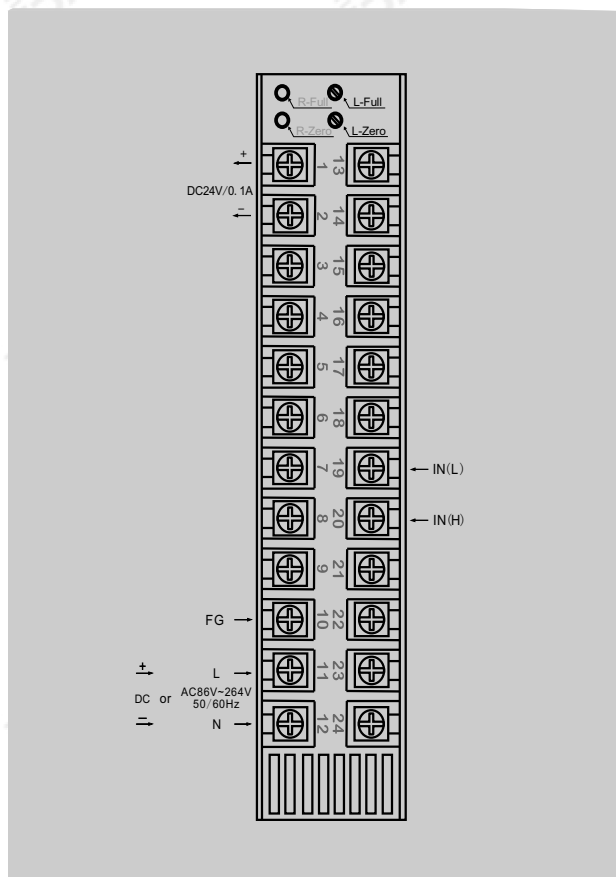
■ DIMENSION



■ CUTOUT SIZE



■ CONNECTION DIAGRAM



■ CONNECTION DIAGRAM

NO.	Symbol	I/O	Function
1	Vout(H)	O	DC 24V Output (+) (Optional)
2	Vout(L)	O	DC 24V Output (-) (Optional)
10	FG	I	Ground
11	PS+ / L	I	DC Power Positive or AC Power L
12	PS- / N	I	DC Power Negative or AC Power N
19	IN (L)	I	Signal Input Low
20	IN (H)	I	Signal Input High