

DC VOLTMETER & AMMETER

AP-341

BCD Output(Option), 14.2mm LED



DC Voltage Measurement

Model	Range	Maximum Resolution	Input Impedance	Input Protection
AP-341-11	±199.99mV	10μV	100MΩ	±250V
AP-341-12	±1.9999V	100μV	100MΩ	±250V
AP-341-13	±19.999V	1mV	1MΩ	±250V
AP-341-14	±199.99V	10mV	1MΩ	±500V

Accuracy: ±0.03% rdg ±1 digit (23°C±5°C)

Specifications

Input Configuration:	Single Ended
Input Bias Current:	100PA(Typ.)
Conversion Rate:	2.5/sec
Normal Mode Rejection:	More than 50dB(50/60Hz)
Zero Stability:	Automatic Zero Adjustment
Display:	LED, 14.2mm 4 1/2 digit
Decimal Point:	Settable to any digit position
Polarity:	A "-" is displayed automatically
Overrange Indication:	When input exceeds the maximum display, 0000 flashes
Power Supply:	AC90~132V AC180~264V
Operating Temperature:	0~50°C, 35 to 85%RH
Power Consumption:	2VA
Dimensions:	36(H) × 72(W) × 110(D)mm DIN Size
Weight:	Approx. 230g
Dielectric Strength:	Between input(Lo)and earth DC500V Between power supply terminal and input terminal. COM, case, AC1500V/1 min.
Insulation Resistance:	DC500V 100MΩ at above terminals

BCD Data Output(Isolated from input(Lo))

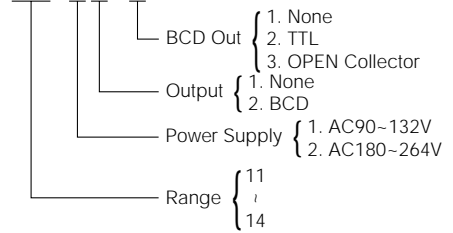
- At Open collector
 - Measured data: Negative logic transistor "ON" at logic "1"
 - Polarity signal: Transistor "ON" at plus input
 - "OVER" signal: Transistor "ON" at overflow input
 - Printing command signal: Transistor "ON" during a period of approx. 1ms at every measurement completion
 - Transistor output capacity: Applied voltage, 30V max (NPN)
 - Saturated output voltage less than 1.2V at 10mA
 - AT TTL level
 - Measured date: Tri-state parallel BCD positive logic latch output
 - Polarity signal: "1" level at plus input
 - "OVER" signal: "1" level at overflow input
 - Printing command signal: A positive pulse of approx 1ms at every measurement completion
 - Each signal of the above: TTL level Fanout=2
- *Each signal of the above can be changed to negative logic

Features

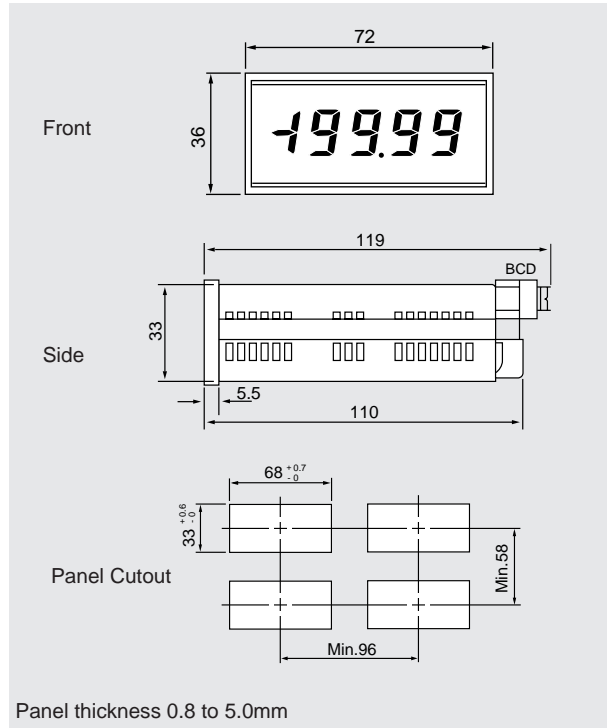
- Bright LED 14.2mm(Red)
- BCD Output(option)
- AC90~132V, AC180~264V
- 200mV~200V Measurement
- Compact Size, 36(H) × 72(W) × 110(D)mm
- Screw terminal

Ordering Code

AP-341-□□-□□-□



Dimensions



Connection Diagram

