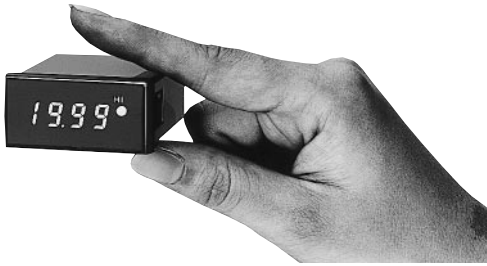


SETPOINT COMPARATOR

AM-211A

*One Setpoint



■ DC Voltage Measurement

Model	Range	Maximum Resolution	Input Resistance	Input Protection
AM-211-11	±199.9mV	100μV	100MΩ	±250V
AM-211-12	±1.999V	1mV	100MΩ	±250V
AM-211-13	±19.99V	10mV	10MΩ	±250V
AM-211-14	±199.9V	100mV	10MΩ	±250V

Accuracy: ±0.1% rdg. ±1 digit (23°C ±5°C)

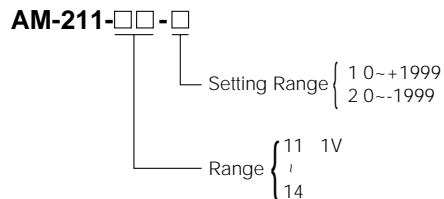
■ Specifications

Input configuration:	Single Ended
Input Bias Current:	Less than 120PA
Conversion Rate:	2.5/sec
Normal Mode Rejection:	40dB(Typ.)(50/60Hz)
Zero Stability:	Automatic Zero Adjustment
Display:	LED, 8mm 3 1/2 digits
Polarity:	A "-" is displayed automatically
Decimal Point:	Settable to any digit position
Overrange Indication:	When input exceeds the maximum display, 1999 flashes.
Control system:	Analog comparator system
Setting Range:	0~+1999 or -1999
Comparative Condition:	Indication ≥ Set-point (LED ON)
Relay Contact Capacity:	250V AC 0.1A Resistive load 120V AC 0.5A Resistive load 28V DC 1A Resistive load
External Control:	Reset: When TTL level "0" or reset and common terminal (Short) comparison value hold Start: Contact signal (Open)
Hysteresis:	Approx. 20 digits (23°C ±5°C)
Power Supply:	DC 5V ±5%
Operating Temperature:	0~50°C, 35 to 85%RH
Power Consumption:	Approx. 500mW
Dimensions:	24(H) × 48(W) × 73(D)mm DIN Size
Weight:	Approx. 60g
Dielectric Strength:	Between power supply (Lo) terminal and relay output, DC 500V/min. Between power supply terminal and case, AC 1500V/1 min.
Insulation Resistance:	DC 500V 100MΩ, power supply (Lo) and relay output.

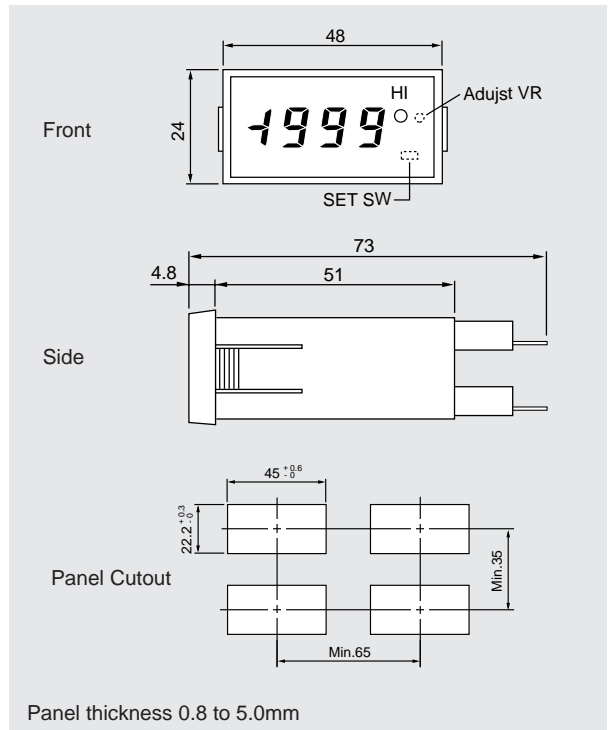
■ Features

- Analog comparator
- 1 set-point
- 200mV~200V Measurement
- Bright LED 8mm (Red)
- DC 5V (Non-Isolated)

■ Ordering Code



■ Dimensions



■ Connection Diagram

