

ANALOG MOVING COIL REAR MOUNTING METER - EW-100

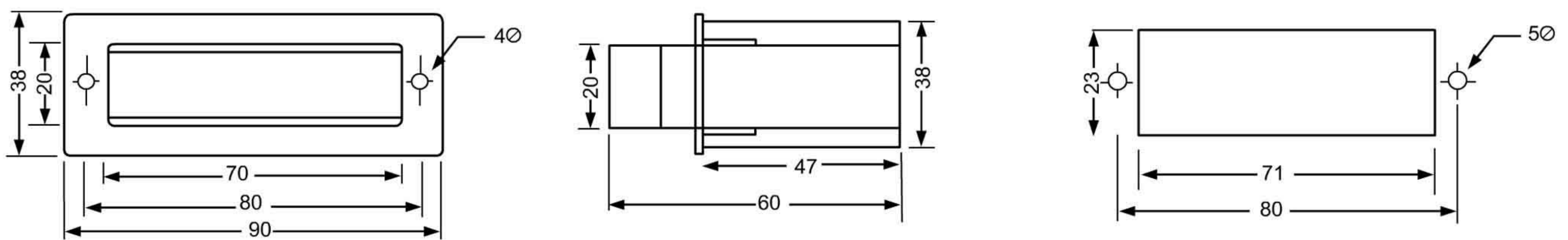
Traditional panel meters with upright scales & clear glass fronts with Round & Rectangular shapes. Edgewise meters provide maximum performance in the smallest of space for vertical & horizontal mounting.



SALIENT FEATURES

- EW 100 is uniquely styled & constructed to provide a slim landscape appearance to minimize panel space requirements.
- Ruggedly designed with high stability moving coil movement.
- Constructed with transparent acrylic front with bezel moulded in black ABS
- Can be installed in vertical or horizontal position.

DIMENSIONS



FRONT VIEW

SIDE VIEW

PANEL CUTOUT

RANGE CHART

Model	Description	Ammeter Range	Voltmeter Range	Class
EW-100	DC Moving Coil	25 μ A – 10mA, 1A – 10000A*	10mV – 600V	2.0

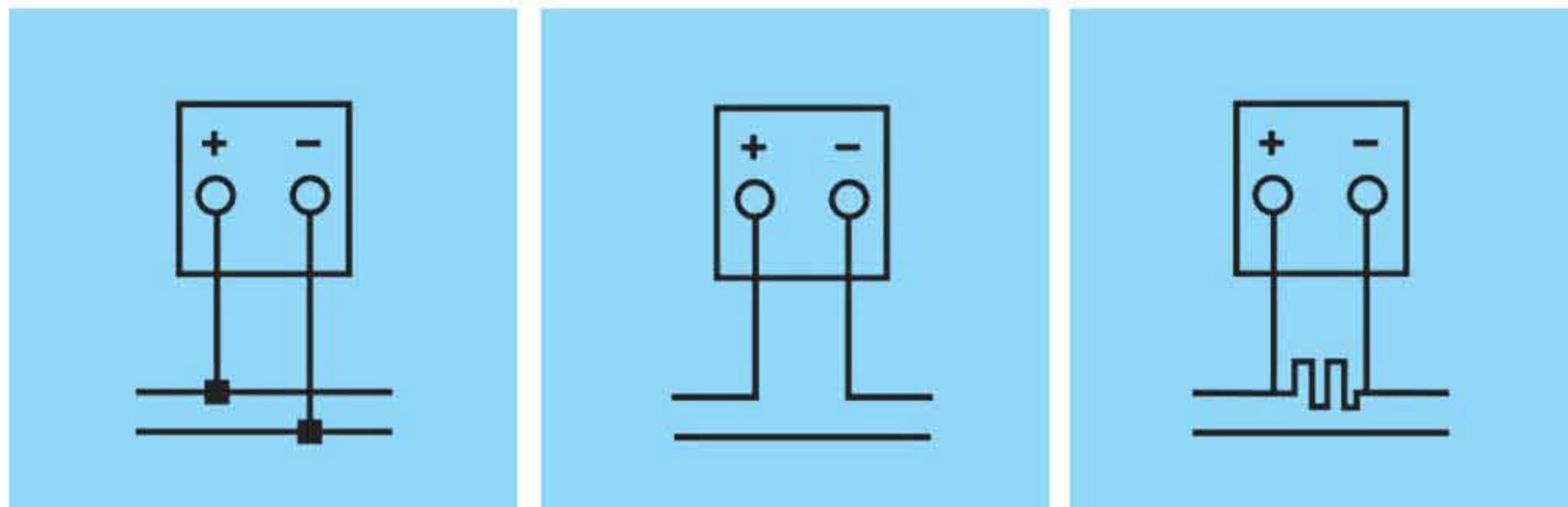
*With External Shunt

GENERAL SPECIFICATIONS

Accuracy Class	±1.5 / 2.0 of FSD
Measurable quantities	AC Voltage and DC Voltage or Current
Pointer deflection	0 – 90°
Frequency	50/60Hz
Sensitivity	1000Ω/V (Voltmeter); 200Ω/V (Ammeter)
Overload capacity	According to IS: 1248 / IEC 51
Short duration for voltmeters	2 times for 5s: 1 overload 2 times for 0.5s: 9 overloads
Short duration for ammeters	10 times for 5s: 1 overload 10 times for 5s: 9 overloads
Continuously	1.2 times rated voltage or current
Operating Temperature	-10 to 55°C
Storage Temperature	-25 to 65°C
Relative Humidity	< 75% annual average, non-condensing

WIRING DIAGRAM

DC Moving Coil Voltmeters and Ammeters:

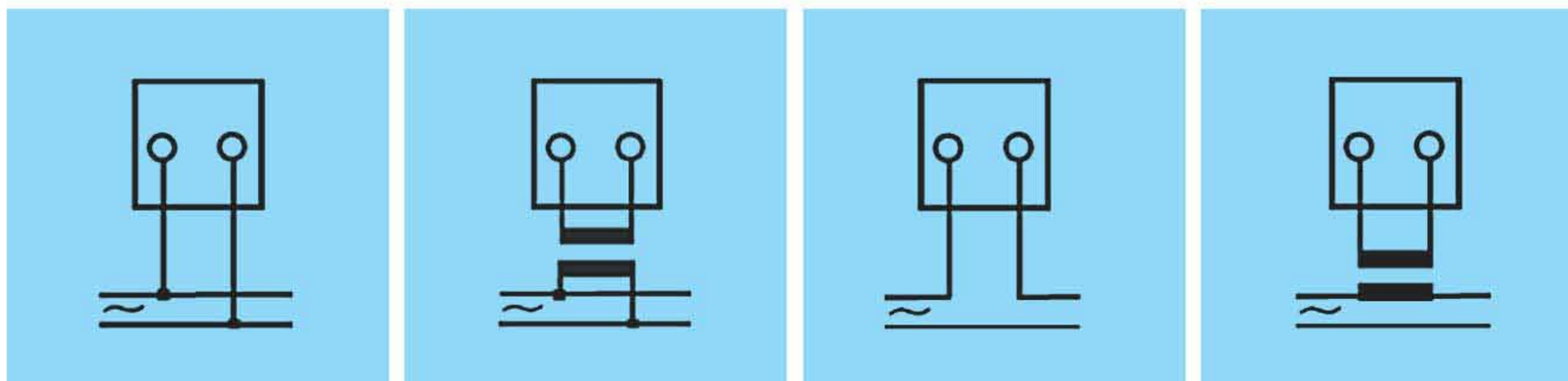


Voltmeter with direct connection

Ammeter with direct connection

Ammeter with shunt

AC Moving Coil Voltmeters and Ammeters:



Voltmeter with direct connection

Voltmeter with PT

Ammeter with direct connection

Ammeter with CT