

Moving Coil Rectifier

(Same as our existing website)

<http://www.yokins.com/moving-coil-rectifier-ac-instruments.html>



Moving Coil Rectifier AC Instruments are suitable for the measurement of AC currents and voltages. These are permanent magnet (Alnico high flux density) type with pivot-jewel suspension with rectifier circuit. The movement is having high torque to weight ratio and linear one with knife edge pointer for accurate reading. The design and construction of instruments is most modern. Sturdiness, simplicity, sensitivity and rigid quality control ensure these movements for high grade performance under adverse conditions of shock and vibration. All instruments are housed in ABS moulded dust proof cases with zero adjuster accessible from the front.

Moving Coil Meter of 90 degree or 240 degree Deflection with Fixed / Interchangeable Scale Facility.

Description : Moving Coil Rectifier Meter of 90° or 240° Deflection with Fixed / Interchangeable Scale Facility.

Movement Type : Moving Coil rectifier permanent magnet type with Jewel Bearing Suspension.

Range :

Current μA : 100 μA to 750 μA

Current mA : 1mA to 750mA

Current A : 1A to 5A (Direct), Through CT/1A or /5A for Higher Current

Voltage V : 10V to 1000V(Direct) Through PT for Higher Voltages.

Standards : IS-1248

Accuracy : $\pm 1.5\%$ of Full Scale for all except CR48 and DCF65

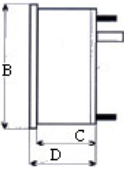
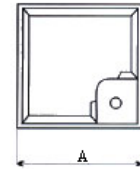
$\pm 2.5\%$ of Full scale for CR48 and

Zero position : Offset zero

STANDARD FLUSH TYPE SQUARE MODELS



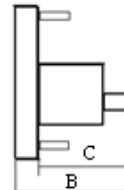
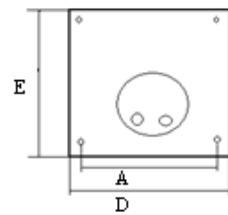
TYPE	PANEL CUTOUT	FRONT (AXB) (sq.mm)	C	D	SCALE LENGTH	ACCURACY
CR-144	136 X 136	144 X 144	44	52	155	1.00%
CR-96	92 X 92	96 X 96	44	52	92	1.50%
CR-72	68 X 68	72 X 72	44	50	62	1.50%
CR-48	46 X 46	52 x 52	37	42	40	2.50%



CROWN SERIES (FLUSH MOUNTING, ROUND PANEL CUT MODELS)



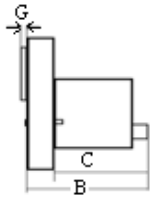
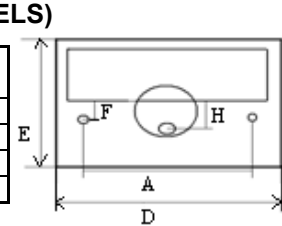
Type	Panel Cut Dia in mm	A	B	C	D	E	Scale Length
CCF 65	55	46	46	35	65	65	60
CCF 70			55	41	86	70	65
CCF 80	64	63	54	40	80	80	72
CCF 100	65	83	50	38	100	80	90



PHOENIX SERIES (REAR MOUNTING, RECTANGULAR PANEL CUT MODELS)



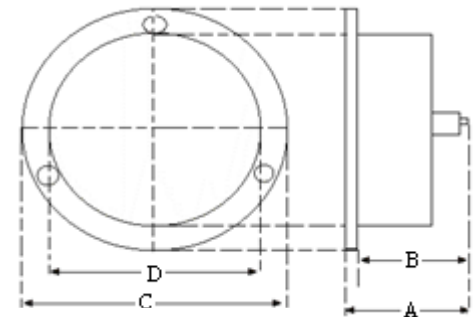
Type	Panel Cut	A	B	C	D	E	F	G	H	Scale Length
CC 65(R)	63 x 36	48	45	33	69	69	21	3.5	18	60
CC 70(R)	77 x 37	67	55	41	86	70	8	3.5	18	65
CC 90(R)	97.5 x 49	70	60	47	104	84	8	5	17	90
CC 120(R)	124.5 x 60	88	65	49	134	101	6	5	23	105



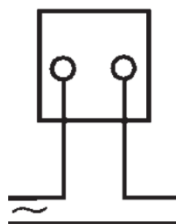
ROUND FLUSH MOUNTING MODELS



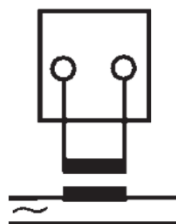
	A	B	C	D	Panel Cut	Scale length
CO65	45	39	82	65	65	50
CO80	64	55	98	80	80	
CO100	70	60	125	104	104	92
CO110	70	60	135	112.5	115	



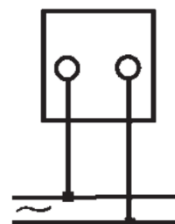
Wiring Diagram



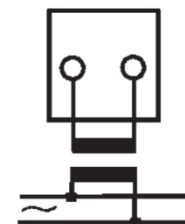
Ammeter with direct connection



Ammeter with CT



Voltmeter with direct connection



Voltmeter with PT