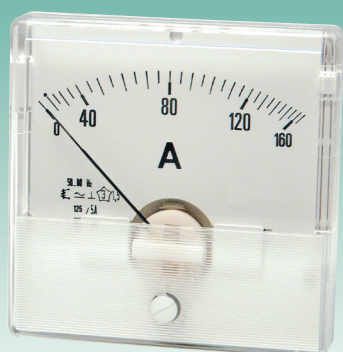


DC AMMETER



FEASIBILITY LIMITS

Deflection		90°			240°	
Format	Zero position	48 x 48	72 x 72	96 x 96	72 x 72	96 x 96
Direct	Left or central	50 µA to 30 A			250 µA to 30 A	
Process signal	Left or offset	0-1 mA to 0-20 mA and 4-20 mA			0-1 mA to 0-20 mA and 4-20 mA	
On shunt	Left or central	50 mV to 300 mV			50 mV to 300 mV	

DIRECT CONNECTION

Deflection		90° (Iron. 50Hz)			240°	
Format	Scale	48 x 48	72 x 72	96 x 96	72 x 72	96 x 96
5 A	0-5 A	2048 1207	2086 1207	2087 1207	2084 1207	2085 1207
10 A	0-10 A	2048 1212	2086 1212	2087 1212	2084 1212	2085 1212
15 A	0-15 A	2048 1214	2086 1214	2087 1214	2084 1214	2085 1214
25 A	0-25 A	2048 1216	2086 1216	2087 1216	2084 1216	2085 1216
Always specify start and end of scale when ordering						
0-20 mA	Process	2048 1415C	2086 1415C	2087 1415C	2084 1415C	2085 1415C
4-20 mA	Process	2048 1190C	2086 1490C	2087 1490C	2084 1490C	2085 1490C

CONNECTION TO 100 mV SHUNT

Deflection		90°		
Format		48 x 48	72 x 72	96 x 96
Panel meter only		2048 5293	2086 5293	2087 5293
Shunt	Scale	Dial only		
5 A	0-5 A	2961 0307	2962 0307	2963 0307
10 A	0-10 A	2961 0312	2962 0312	2963 0312
15 A	0-15 A	2961 0314	2962 0314	2963 0314
20 A	0-20 A	2961 0315	2962 0315	2963 0315
25 A	0-25 A	2961 0316	2962 0316	2963 0316
30 A	0-30 A	2961 0317	2962 0317	2963 0317
40 A	0-40 A	2961 0318	2962 0318	2963 0318
50 A	0-50 A	2961 0319	2962 0319	2963 0319
60 A	0-60 A	2961 0321	2962 0321	2963 0321
75 A	0-75 A	2961 0323	2962 0323	2963 0323

Deflection		90°		
Format		48 x 48	72 x 72	96 x 96
Panel meter only		2048 5293	2086 5293	2087 5293
Shunt	Scale	Dial only		
100 A	0-100 A	2961 0325	2962 0325	2963 0325
125 A	0-125 A	2961 0326	2962 0326	2963 0326
150 A	0-150 A	2961 0328	2962 0328	2963 0328
200 A	0-200 A	2961 0330	2962 0330	2963 0330
250 A	0-250 A	2961 0331	2962 0331	2963 0331
300 A	0-300 A	2961 0333	2962 0333	2963 0333
400 A	0-400 A	2961 0335	2962 0335	2963 0335
500 A	0-500 A	2961 0336	2962 0336	2963 0336
600 A	0-600 A	2961 0338	2962 0338	2963 0338
1000 A	0-1000 A	2961 0342	2962 0342	2963 0342

Deflection		90°			240°	
Format	Scale Vr	48 x 48	72 x 72	96 x 96	72 x 72	96 x 96
Always specify the rated current of the shunt						
50 mV	Left	2048 5093C	2086 5093C	2087 5093C	2084 0319C	2085 0319C
60 mV	Left	2048 5193C	2086 5193C	2087 5193C	2084 0321C	2085 0321C
100 mV	Left	2048 5293C	2086 5293C	2087 5293C	2084 0325C	2085 0325C
50 mV	Central	3048 5093C	3086 5093C	3087 5093C	3084 0319C	3085 0319C
60 mV	Central	3048 5193C	3086 5193C	3087 5193C	3084 0321C	3085 0321C
100 mV	Central	3048 5293C	3086 5293C	3087 5293C	3084 0325C	3085 0325C

CUSTOMIZED PRODUCT

	Connection	Deflection	Format	Zero position	Rating	Start/end of scale
Example	Shunt 2000 A	240°	96 x 96	central	60 mV	-2000 +2000A

90° DEFLECTION

Accuracy class: 1.5

Measuring component: moving coil

Linear scale

Voltage drop:

20 mV for rating ≥ 1.25 mA

variable for rating < 1.25 mA

240° DEFLECTION

Accuracy class: 1.5

Measuring component moving coil

Linear scale

Voltage drop:

40 mV for rating ≥ 6 mA

variable for rating < 6 mA