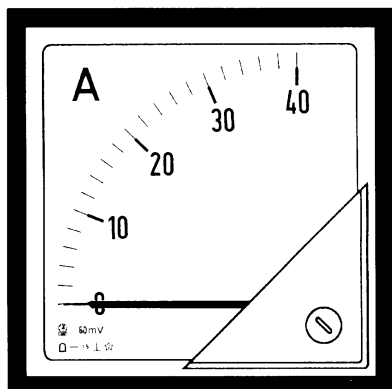
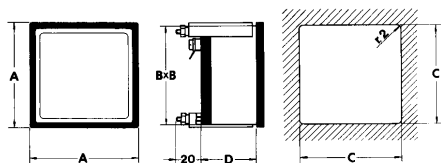
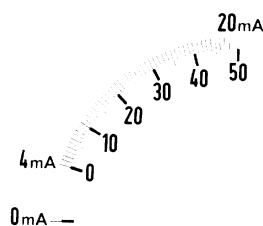


# Analog Panel Meter 90° with Moving Coil for Direct Current and Direct Voltage



1) Scale marked from 4..20mA and blank from 0..4mA:



### dimensions and weight

	48M	72M	96M	144M
A/mm	48	72	96	144
B/mm	44	67	91	137
C/mm	45	68	92	138
D/mm	46	46	46	50
kg	0,150	0,180	0,200	0,450

## TECHNICAL DATA

Square panel meter with moving coil;  
90° indicator deflection, according to DIN 43 780

accuracy (class)	±1,5% (DIN 43 780)
self-consumption: <i>ammeters</i>	approx. 60mV (10mA...60A)
<i>voltmeters</i>	approx. 1mA (1000Ω/V)
operating voltage	660V
test voltage	2kV-50Hz-60s
operating temperature	-25...50°C
storage temperature	-40...80°C
manufactured according to	DIN, VDE, IEC, CEI

Input	Scale	Order Code			
		48M	72M	96M	144M
100-150μA	100-150μA				
250-400-600μA	250-400-600μA				
1-1,5-2,5-4-6mA	1-1,5-2,5-4-6mA				
10-15-20-25-40	10-15-20-25-40				
60-100-150-250	60-100-150-250				
400-600mA	400-600mA				
0..4..20mA <sup>1)</sup>	<i>standard scales</i> *)				
1-1,5-2,5-4-6A	1-1,5-2,5-4-6A				
10-15-25A	10-15-25A				
40-60A	40-60A				
<i>shunt</i>					
60mV	<i>standard scales</i> **)				
150mV	<i>standard scales</i> **)				
300mV	<i>standard scales</i> **)				
400-600mV	400-600mV				
1-1,5-2,5V	1-1,5-2,5V				
4-6-10V	4-6-10V				
15-25-40-60V	15-25-40-60V				
100-150-250V	100-150-250V				
400-500-600V	400-500-600V				

\*) *standard scales* 1 1,5 2 2,5 3 4 5 6 8 10  
 \*\*) *standard scales* 10A 15A 20A 25A 30A 40A 50A 60A 80A 100A  
 and their decimal multiple

## Ordering Information

- Order Code
- Measurement Range and Standard Scale
- Special scale realizations are possible;  
please inform us about the labeling

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