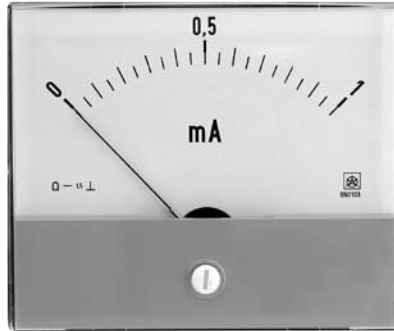




METERS FOR DC VOLTAGE OR CURRENT WITH MOVING COIL

Owing to a special form and available colours, BN and CN meters are especially convenient for building into different control devices. The accuracy class is 1.5. The scale is not interchangeable. BN meters are intended for DC currents or voltages, and CN meters for AC currents or voltages.



BN 0103, CN 0103

TYPE	BN 0103	BN 0203	CN 0103	CN 0203
Front frame (mm)	86 x 72	115 x 96	86 x 72	115 x 96
Cutting for mounting (mm)	φ 65	φ 65	φ 65	φ 65
Scale length (mm)	60	90	60	90
RATING				
0-40 μA...60 μA	•	•	-	-
0-100 μA...600 μA	•	•	•	•
0-1 mA...10 mA	•	•	•	•
0-15 mA...600 mA	•	•	-	-
4...20 mA ³⁾	•	•	-	-
0-1 A...6 A	•	•	-	-
0-10 A...25 A	•	•	-	-
0-40 A, 60 A	•	•	-	-
xA / 1A, xA / 5A ²⁾	-	-	•	•
xA / 60 mV ¹⁾	•	•	-	-
0-100 mV...600 mV	•	•	-	-
0-1 V...600 V	•	•	•	•

1) A meter for connection to a separate shunt.

2) A meter for connection to a current measuring transformer.

3) A version with electrical zero point suppression.

A version with mechanical zero point suppression available on request.

Dimensional drawings on page 180, 181.

AMMETERS:
RATINGS & INTERNAL RESISTANCE
BN 0103, BN 0203
A / Ohm: 40/5650, 60/4710, 100/2250, 150/1950, 250/990, 400/350, 600/150
A1) : 1, 1.5, 2.5, 4, 6, 10, 15, 25, 40, 60
Voltage drop on terminals approx. 60 mV
CN 0103, CN 0203
μA: 100, 150, 250, 400, 500, 600
mA: 1, 1.5, 2.5, 4, 5, 6, 10
Voltage drop approx. 1.5 V
A / Voltage drop (V) x/1A-0.1 V, x/5A-0.03 V

VOLTMETERS:
RATINGS
BN 0103, BN 0203
mV1): 60, 100, 150 – 5 mA system
V: 1, 1.5, 2.5, 4, 6, 10, 15, 25, 40, 60, 100, 150, 250, 400, 600 – 1 mA system
- characteristic resistance 1 k Ohm/V
CN 0103, CN 0203
V: 2.5, 4, 6, 10, 15, 25, 40, 60, 100, 150, 250, 400, 500, 600
- characteristic resistance 1 kOhm/ V

1) Current through a meter approx. 5 mA.