

Round Style Analog Panel Meters



- Glass window for optimum viewing
- Rugged black plastic case
- Black spade-type pointer for easy distant reading

Specifications

Accuracy: ±2% F.S. (Iron-Vane), ±3% F.S. (Rectifier)
Frequency models: 45-55Hz ±0.3Hz (120V-240V)
 55-65Hz ±0.3Hz (120V-240V)
 380-420Hz ±1.2Hz (120V-240V)

Wattmeters: ±2% F.S.; Compensated Meters: ±3% F.S.

Movement: Models 55, 155: Iron-vane, magnetically damped
 Models 45, 145: Annular, rectifier type
 Models 85 & 185: small core magnet, self-shielding
 Models 25, 27, 29, 125: Annular, self-shielding

Tracking: ±3%
Shielding: Calibration is unaffected by magnetic panel mounting.
Response Time: 1.5 seconds maximum
Overload (1 sec.): 10 times F. S.
Overload (Continuous): 1.5 times F. S.
Repeatability: 2%
Dial: Sharp clear scale. Each dial arc is calibrated to track the specific type of movement used.
Case: High density black plastic
Resistance: ±15%
Operating Temp: -4°F to +149°F (-20°C to +65°C)
Pointer: Models 85 & 185: knife edge, black finish
 All others: spade pointer with black matte finish
Scale Length: Model 155 & 185: 1.6" (40.6mm)
 Models 125 & 145: 1.8" (45.7mm)
 Model 55: 2.3" (58.4mm)
 Models 25, 27, 45 & 85: 2.5" (63.5mm)
 Model 29: 3.80" (96.5mm)
Net Weight: Models 55, 155 & 185: 5oz (0.14kg)
 Models 85, 125, 145 & 45: 7oz (0.20kg)
 Models 25 & 27: 8oz (.23kg)
 Model 29: 11oz. (.31kg)

Ordering Information

AC Microammeters Rectifier Type, Self Shielding Movement

| Range | Approx. Impedance (ohms) | Model/Size and Catalog Number | |
|-------|--------------------------|-------------------------------|--|
| | | 3-1/2" Model 45 | |
| 0-100 | 3400 | 04080 | |

AC Milliammeters, Iron Vane & Rectified Movement

| Range | Approx. Impedance (ohms) @ 60 Hz | Model/Size and Catalog Number | | |
|-------|----------------------------------|-------------------------------|-----------------|-----------------|
| | | 2-1/2" Model 155 | 3-1/2" Model 55 | 4-1/2" Model 45 |
| 0-1 | 600 | <> | <> | 06820* |
| 0-5 | 200 | <> | <> | 06840* |
| 0-10 | 887.0 | <> | 05380 | <> |
| 0-15 | 80.0 | <> | 05400 | <> |
| 0-100 | 717.2 | <> | 05410 | <> |
| 0-150 | 8.76 | <> | 35069 | <> |
| 0-250 | 3.1 | 06080 | 05420 | <> |
| 0-500 | .9 | <> | 05430 | <> |

* Rectified Models

AC Ammeters, Iron Vane Movement

| Range | Approx. Impedance (ohms) @ 60 Hz | Model/Size and Catalog Number | |
|-------|----------------------------------|-------------------------------|-----------------|
| | | 2-1/2" Model 155 | 3-1/2" Model 55 |
| 0-1 | .213 | 02100 | 00950 |
| 0-1.5 | .105 | <> | 00960 |
| 0-2 | .065 | 02120 | 00970 |
| 0-3 | .028 | 02130 | 00980 |
| 0-5 | .008 | 02140 | 00990 |
| 0-10 | .004 | 02150 | 01001 |
| 0-15 | .0025 | 02160 | 01010 |
| 0-25 | .002 | 02170 | 01020 |
| 0-30 | .0015 | 02180 | 01030 |
| 0-50 | .001 | 02190 | 01040 |
| 0-75 | .0002 | <> | 03432 |
| 0-75 | .008 | 02200* | <> |
| 0-100 | .008 | 02210* | 01060* |
| 0-150 | .008 | 02220* | 01070* |
| 0-200 | .008 | <> | 01080* |
| 0-250 | .008 | 02240* | 01090* |
| 0-300 | .008 | <> | 01100* |
| 0-500 | .008 | 02260* | 01110* |

<> Available on special order.

* These meters require use of an external current transformer from page C4-C6

4-20mA Process Meters, Dial indicates 0-100 Percent

| Range | Approx. Impedance (Ohms) | Model/Size and Catalog number |
|-------|--------------------------|-------------------------------|
| 4-20 | 5.0 | 35022 |

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