



### 2.5 inch 850 Series Round Barrel Meter

2.5 inch round barrel meter. 5% accuracy.

#### Description:

- DC models use moving magnet technology
- AC models use double vane repulsion technology
- Jeweled bearing
- Polystyrene case with metal scales
- White field with black print
- Age and moisture resistant
- Install in front of panel or behind panel
- Special scales, ranges, and dampening available

The following tables list part numbers for standard ranges. Remove the "z" from the part number to order without zero adjust.

#### DC Milliammeters

| Range    | Part # |
|----------|--------|
| 0-1 mA   | 8336z  |
| 0-3 mA   | 8301z  |
| 0-5 mA   | 8302z  |
| 0-10 mA  | 8303z  |
| 0-15 mA  | 8304z  |
| 0-25 mA  | 8305z  |
| 0-50 mA  | 8306z  |
| 0-100 mA | 8307z  |
| 0-150 mA | 8308z  |
| 0-200 mA | 8309z  |
| 0-300 mA | 8310z  |
| 0-500 mA | 8312z  |

## DC Ammeters

| Range        | Part # |
|--------------|--------|
| 0-1 Amps     | 8201z  |
| 0-3 Amps     | 8202z  |
| 0-5 Amps     | 8203z  |
| 0-10 Amps    | 8205z  |
| 0-15 Amps    | 8206z  |
| 0-20 Amps    | 8204z  |
| 0-25 Amps    | 8207z  |
| 0-50 Amps    | 8208z  |
| 10-0-10 Amps | 8213z  |
| 20-0-20 Amps | 8214z  |
| 30-0-30 Amps | 8215z  |
| 50-0-50 Amps | 8216z  |

## DC Voltmeters

| Range       | Part # | Notes                     |
|-------------|--------|---------------------------|
| 0-3 Volts   | 8102z  |                           |
| 0-5 Volts   | 8104z  |                           |
| 0-10 Volts  | 8107z  |                           |
| 0-15 Volts  | 8108z  |                           |
| 0-25 Volts  | 8109z  |                           |
| 0-30 Volts  | 8120z  |                           |
| 0-50 Volts  | 8122z  |                           |
| 0-100 Volts | 8113z  |                           |
| 0-150 Volts | 8115z  |                           |
| 0-300 Volts | 8117z  |                           |
| 0-500 Volts | 8118z  |                           |
| 0-500 Volts | 8118z  | Supplied w/ ext. resistor |

## AC Milliammeters

| Range    | Part # |
|----------|--------|
| 0-10 mA  | 8607z  |
| 0-25 mA  | 8601z  |
| 0-50 mA  | 8602z  |
| 0-100 mA | 8603z  |
| 0-250 mA | 8604z  |
| 0-500 mA | 8605z  |

## AC Ammeters

| Range          | Part #    | Notes:                   |
|----------------|-----------|--------------------------|
| 0-1 Amps       | 8501z     |                          |
| 0-3 Amps       | 8502z     |                          |
| 0-5 Amps       | 8503z     |                          |
| 0-15 Amps      | 8508z     |                          |
| 0-5/0-30 Amps  | 8503z-30  |                          |
| 0-5/0-50 Amps  | 8503z-50  | For use with external CT |
| 0-5/0-100 Amps | 8503z-100 | For use with external CT |
| 0-5/0-150 Amps | 8503z-150 | For use with external CT |
| 0-5/0-200 Amps | 8503z-200 | For use with external CT |
| 0-10 Amps      | 8504z     |                          |
| 0-30 Amps      | 8505z     |                          |
| 0-50 Amps      | 8506z     |                          |
| 0-80 Amps      | 8507z     |                          |

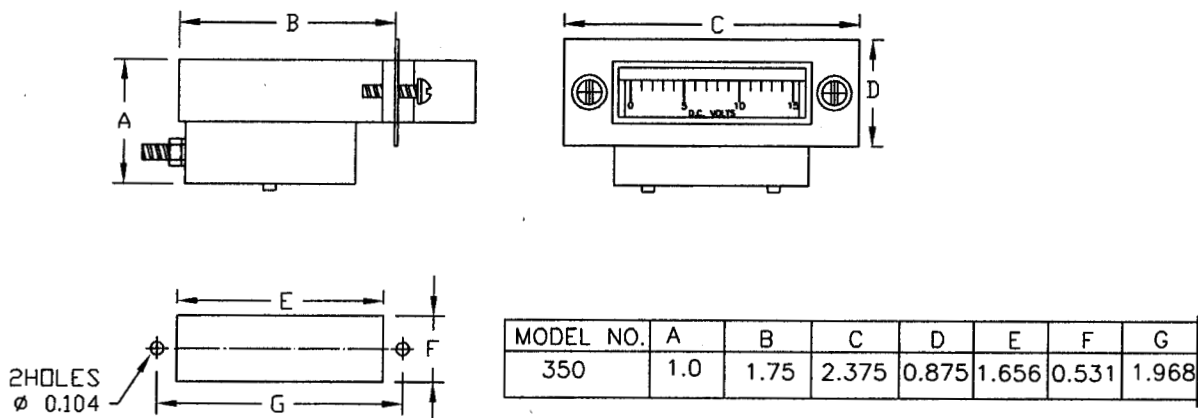
## AC Voltmeters

| Range       | Part # | Notes                     |
|-------------|--------|---------------------------|
| 0-10 Volts  | 8403   |                           |
| 0-15 Volts  | 8404   |                           |
| 0-25 Volts  | 8412   |                           |
| 0-50 Volts  | 8405   |                           |
| 0-150 Volts | 8406   |                           |
| 0-300 Volts | 8407   |                           |
| 0-500 Volts | 8414   | Supplied w/ ext. resistor |

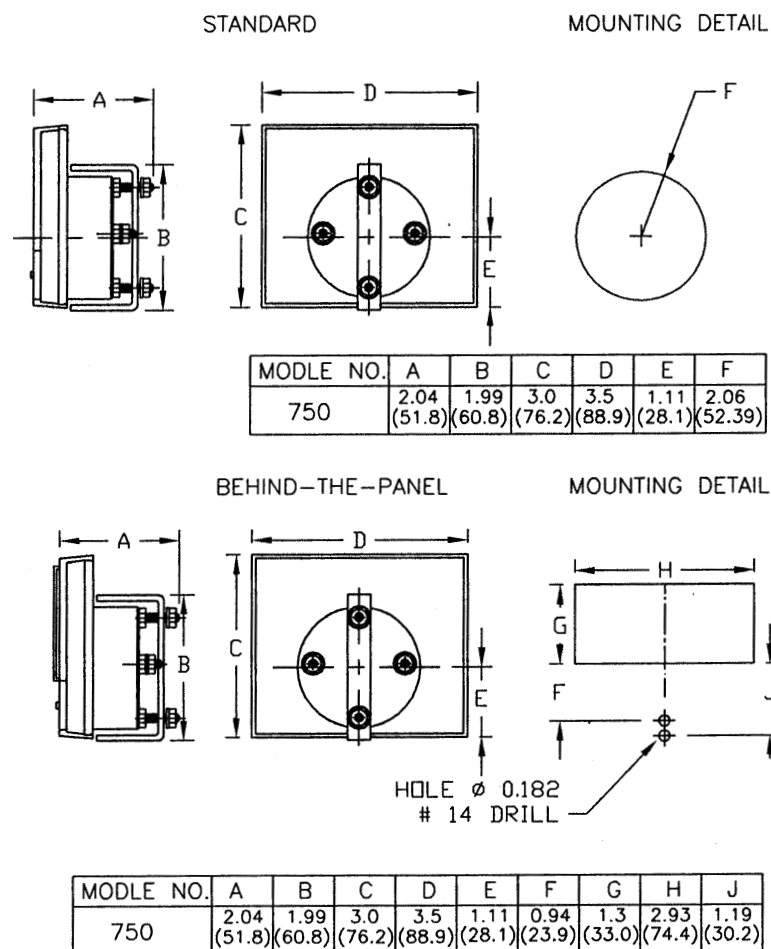
## VU Meters

| Range        | Part # |
|--------------|--------|
| -20 to +3 VU | 8801z  |

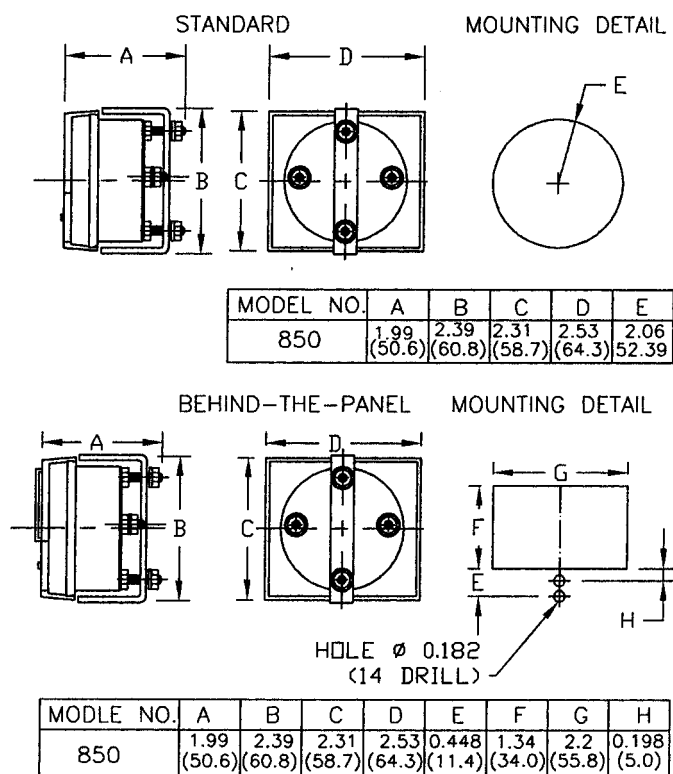
## 350 SERIES



## 750 SERIES



## 850 SERIES





### 1.5 INCH 350 SERIES EDGEWISE METER

**Accuracy:** 5%

**Technology:** DC Models, polarized-vane solenoid or moving magnet AC Models, double-vane repulsion, jeweled bearing

**Description:** 1.5 inch edgewise, Polystyrene cases with metal scales, white field, printed black, age and moisture resistant, install in front or behind panels, special scales, ranges and dampening available

#### DC Milliammeters

| RANGE           | PART # | RANGE            | PART # |
|-----------------|--------|------------------|--------|
| 0-1 Milli Amps  | 3300   | 0-100 Milli Amps | 3307   |
| 0-3 Milli Amps  | 3301   | 0-150 Milli Amps | 3308   |
| 0-5 Milli Amps  | 3302   | 0-200 Milli Amps | 3309   |
| 0-10 Milli Amps | 3303   | 0-300 Milli Amps | 3310   |
| 0-25 Milli Amps | 3305   | 0-500 Milli Amps | 3312   |
| 0-50 Milli Amps | 3306   |                  |        |

#### DC Ammeters

| RANGE     | PART # | RANGE        | PART # |
|-----------|--------|--------------|--------|
| 0-1 Amps  | 3201   | 0-15 Amps    | 3206   |
| 0-3 Amps  | 3202   | 10-0-10 Amps | 3213   |
| 0-5 Amps  | 3203   |              |        |
| 0-10 Amps | 3205   |              |        |

#### DC Voltmeters

| RANGE      | PART # | RANGE       | PART #  |
|------------|--------|-------------|---------|
| 0-3 Volts  | 3102z  | 0-50 Volts  | 3122    |
| 0-5 Volts  | 3104z  | 0-100 Volts | 3113z   |
| 0-10 Volts | 3107z  | 0-150 Volts | 3115z   |
| 0-15 Volts | 3108z  | 0-300 Volts | 3117z** |
| 0-25 Volts | 3109z  | 0-500 Volts | 3118z** |

#### AC Voltmeters

| RANGE       | PART # | RANGE       | PART # |
|-------------|--------|-------------|--------|
| 0-10 Volts  | 3403   | 0-300 Volts | 3407** |
| 0-15 Volts  | 3404   | 0-25 Volts  | 3412   |
| 0-50 Volts  | 3405   | 0-500 Volts | 3414** |
| 0-150 Volts | 3406   |             |        |

#### VU Meters

| RANGE        | PART # |
|--------------|--------|
| -20 to +3 VU | 3801   |

### OTHER SPECIALTY METERS AVAILABLE:

#### ■ 550 Series



### 3.5 INCH 750 SERIES ROUND BARREL METER

**Accuracy:** 5%

**Technology:** DC Models, polarized-vane solenoid or moving magnet AC Models, double-vane repulsion, jeweled bearing

**Description:** 3.5 inch, Polystyrene cases with metal scales, white field, printed black, age and moisture resistant, install in front or behind panels, special scales, ranges and dampening available

#### DC Milliammeters

| RANGE           | PART # | RANGE            | PART # |
|-----------------|--------|------------------|--------|
| 0-1 Milli Amps  | 7336z  | 0-100 Milli Amps | 7307z  |
| 0-3 Milli Amps  | 7301z  | 0-150 Milli Amps | 7308z  |
| 0-5 Milli Amps  | 7302z  | 0-200 Milli Amps | 7309z  |
| 0-10 Milli Amps | 7303z  | 0-300 Milli Amps | 7310z  |
| 0-25 Milli Amps | 7305z  | 0-500 Milli Amps | 7312z  |
| 0-50 Milli Amps | 7306z  |                  |        |

#### DC Ammeters

| RANGE     | PART # | RANGE        | PART # |
|-----------|--------|--------------|--------|
| 0-1 Amps  | 7201z  | 0-25 Amps    | 7207z  |
| 0-3 Amps  | 7202z  | 0-50 Amps    | 7208z  |
| 0-5 Amps  | 7203z  | 0-30 Amps    | 7209z  |
| 0-10 Amps | 7205z  | 20-0-20 Amps | 7214z  |
| 0-15 Amps | 7206z  | 50-0-50 Amps | 7216z  |

#### DC Voltmeters

| RANGE      | PART # | RANGE       | PART #  |
|------------|--------|-------------|---------|
| 0-3 Volts  | 7102z  | 0-50 Volts  | 7122z   |
| 0-5 Volts  | 7104z  | 0-100 Volts | 7113z   |
| 0-10 Volts | 7107z  | 0-150 Volts | 7115z   |
| 0-15 Volts | 7108z  | 0-300 Volts | 7117z** |
| 0-25 Volts | 7109z  | 0-500 Volts | 7118z** |

#### AC Milliammeters

| RANGE          | PART # | RANGE           | PART # |
|----------------|--------|-----------------|--------|
| 0-10 Milliamps | 7607z  | 0-100 Milliamps | 7603z  |
| 0-25 Milliamps | 7601z  | 0-250 Milliamps | 7604z  |
| 0-50 Milliamps | 7602z  | 0-500 Milliamps | 7605z  |

#### AC Ammeters

| RANGE           | PART #    | RANGE     | PART # |
|-----------------|-----------|-----------|--------|
| 0-1 Amps        | 7501z     | 0-10 Amps | 7504z  |
| 0-5 Amps        | 7503z     | 0-30 Amps | 7505z  |
| 0-5/0-50 Amps*  | 7503z-50  | 0-50 Amps | 7506z  |
| 0-5/0-100 Amps* | 7503z-100 | 0-80 Amps | 7507z  |
| 0-5/0-150 Amps* | 7503z-150 | 0-15 Amps | 7508z  |
| 0-5/0-200 Amps* | 7503z-200 |           |        |
| 0-5/0-250 Amps* | 7503z-250 |           |        |
| 0-5/0-300 Amps* | 7503z-300 |           |        |
| 0-5/0-400 Amps* | 7503z-400 |           |        |
| 0-5/0-600 Amps* | 7503z-600 |           |        |

#### AC Voltmeters

| RANGE       | PART # | RANGE       | PART #  |
|-------------|--------|-------------|---------|
| 0-10 Volts  | 7403z  | 0-300 Volts | 7407z** |
| 0-15 Volts  | 7404z  | 0-500 Volts | 7414z** |
| 0-25 Volts  | 7412z  |             |         |
| 0-50 Volts  | 7405z  |             |         |
| 0-150 Volts | 7406z  |             |         |

#### VU Meters

| RANGE        | PART # |
|--------------|--------|
| -20 to +3 VU | 7801z  |



### 2.5 INCH 850 SERIES ROUND BARREL METER

**Accuracy:** 5%

**Technology:** DC Models, polarized-vane solenoid or moving magnet AC Models, double-vane repulsion, jeweled bearing

**Description:** 2.5 inch, Polystyrene cases with metal scales, white field, printed black, age and moisture resistant, install in front or behind panels, special scales, ranges and dampening available

#### DC Milliammeters

| RANGE           | PART # | RANGE            | PART # |
|-----------------|--------|------------------|--------|
| 0-1 Milli Amps  | 8336z  | 0-50 Milli Amps  | 8306z  |
| 0-3 Milli Amps  | 8301z  | 0-100 Milli Amps | 8307z  |
| 0-5 Milli Amps  | 8302z  | 0-150 Milli Amps | 8308z  |
| 0-10 Milli Amps | 8303z  | 0-200 Milli Amps | 8309z  |
| 0-15 Milli Amps | 8304z  | 0-300 Milli Amps | 8310z  |
| 0-25 Milli Amps | 8305z  | 0-500 Milli Amps | 8312z  |

#### DC Ammeters

| RANGE     | PART # | RANGE        | PART # |
|-----------|--------|--------------|--------|
| 0-1 Amps  | 8201z  | 0-25 Amps    | 8207z  |
| 0-3 Amps  | 8202z  | 0-50 Amps    | 8208z  |
| 0-5 Amps  | 8203z  | 10-0-10 Amps | 8213z  |
| 0-10 Amps | 8205z  | 20-0-20 Amps | 8214z  |
| 0-15 Amps | 8206z  | 30-0-30 Amps | 8215z  |
| 0-20 Amps | 8204z  | 50-0-50 Amps | 8216z  |

#### DC Voltmeters

| RANGE      | PART # | RANGE       | PART #  |
|------------|--------|-------------|---------|
| 0-3 Volts  | 8102z  | 0-50 Volts  | 8122z   |
| 0-5 Volts  | 8104z  | 0-100 Volts | 8113z   |
| 0-10 Volts | 8107z  | 0-150 Volts | 8115z   |
| 0-15 Volts | 8108z  | 0-300 Volts | 8117z   |
| 0-25 Volts | 8109z  | 0-500 Volts | 8118z** |
| 0-30 Volts | 8120z  |             |         |

#### AC Milliammeters

| RANGE          | PART # | RANGE           | PART # |
|----------------|--------|-----------------|--------|
| 0-10 Milliamps | 8607z  | 0-100 Milliamps | 8603z  |
| 0-25 Milliamps | 8601z  | 0-250 Milliamps | 8604z  |
| 0-50 Milliamps | 8602z  | 0-500 Milliamps | 8605z  |

#### AC Ammeters

| RANGE           | PART #    | RANGE           | PART #    |
|-----------------|-----------|-----------------|-----------|
| 0-1 Amps        | 8501z     | 0-5/0-150 Amps* | 8503z-150 |
| 0-3 Amps        | 8502z     | 0-5/0-200 Amps* | 8503z-200 |
| 0-5 Amps        | 8503z     | 0-10 Amps       | 8504z     |
| 0-15 Amps       | 8508z     | 0-30 Amps       | 8505z     |
| 0-5/0-30 Amps*  | 8503z-30  | 0-50 Amps       | 8506z     |
| 0-5/0-50 Amps*  | 8503z-50  | 0-80 Amps       | 8507z     |
| 0-5/0-100 Amps* | 8503z-100 |                 |           |

#### AC Voltmeters

| RANGE      | PART # | RANGE       | PART #  |
|------------|--------|-------------|---------|
| 0-10 Volts | 8403z  | 0-150 Volts | 8406z   |
| 0-15 Volts | 8404z  | 0-300 Volts | 8407z** |
| 0-25 Volts | 8412z  | 0-500 Volts | 8414z** |
| 0-50 Volts | 8405z  |             |         |

#### VU Meters

| RANGE        | PART # |
|--------------|--------|
| -20 to +3 VU | 8801z  |

\* REMOVE "Z" SUFFIX FROM PART NUMBER TO ORDER WITHOUT ZERO ADJUST.

\*\* SUPPLIED WITH EXTERNAL RESISTOR

\* FOR USE WITH EXTERNAL CURRENT TRANSFORMER

ADD "BP" TO THE END OF THE PART NUMBER FOR BEHIND PANEL MOUNTING