

Yokogawa DC Current & Voltage Meters

Horizon Line and Big Look Series

- Accuracy: $\pm 2\%$ of Full Scale
- Meets ANSI C-39.1
- Four Display Sizes: 1½", 2½", 3½", and 4½"
- Severe Duty Meters Optional (2½" to 4½") to Meet UL1437

ORDERING INFORMATION

Use Ordering Code Guide to complete Part #. Insert Model Code in box 1 and Case Size in box 2.

DC Ammeters—Zero Left

| | | |
|---------|-----|----------|
| 1 Amp | 1 2 | OOLALA |
| 1.5 Amp | 1 2 | OOLCLC |
| 2 Amp | 1 2 | OOLELE |
| 3 Amp | 1 2 | OOLJLJ |
| 5 Amp | 1 2 | OOLSLS |
| 10 Amp | 1 2 | OOMTMT |
| 15 Amp | 1 2 | OONDND |
| 20 Amp | 1 2 | OONGNG* |
| 30 Amp | 1 2 | OONLNL* |
| 50 Amp | 1 2 | OONTNT** |

DC Ammeters—Zero Center

| | | |
|-------------|-----|----------|
| 1-0-1 Amp | 1 2 | O1LALA |
| 2-0-2 Amp | 1 2 | O1LELE |
| 5-0-5 Amp | 1 2 | O1LSLS |
| 10-0-10 Amp | 1 2 | O1MTMT |
| 15-0-15 Amp | 1 2 | O1NDND* |
| 20-0-20 Amp | 1 2 | O1NGNG* |
| 30-0-30 Amp | 1 2 | O1NLNL* |
| 50-0-50 Amp | 1 2 | O1NTNT** |

DC Ammeters—Zero Left, 50mV, Shunt Rated (Lead Resistance Range: .05-.07 Ohm)

| | | |
|-------------|-----|--------|
| Scale Only | | |
| 20 Amp | 1 2 | 24ECNG |
| 30 Amp | 1 2 | 24ECNL |
| 50 Amp | 1 2 | 24ECNT |
| 75 Amp | 1 2 | 24ECPB |
| 100 Amp | 1 2 | 24ECPK |
| 150 Amp | 1 2 | 24ECPZ |
| 200 Amp | 1 2 | 24ECRL |
| 250 Amp | 1 2 | 24ECRS |
| 300 Amp | 1 2 | 24ECRX |
| 400 Amp | 1 2 | 4ECSC |
| 500 Amp | 1 2 | 24ECSF |
| 600 Amp | 1 2 | 24ECSJ |
| 800 Amp | 1 2 | 24ECSN |
| 1 Kiloamp | 1 2 | 24ECVA |
| 1.5 Kiloamp | 1 2 | 24ECVC |
| 2 Kiloamp | 1 2 | 24ECVE |

* Not available in 1½"

** Not available in 1½" and 2½"

SPECIFICATIONS

| Model | 251/255 | | | |
|-----------------------|---|-----------------------|-----------------------|-----------------------|
| Case Size | 1½" | 2½" | 3½" | 4½" |
| Size (H x W x D) | 1.86" x 2.19" x 1.34" | 2.66" x 3.12" x 1.81" | 3.32" x 3.89" x 1.83" | 4.18" x 4.73" x 1.83" |
| Barrel (cutout) | 1.53" | 2.19" | 2.72" | 2.72" |
| Window (cutout) | 1.05" x 2.18" | 1.45" x 3.11" | 1.84" x 3.88" | 2.22" x 4.72" |
| Model | 250/254 | | | |
| Case Size | 1½" | 2½" | 3½" | 4½" |
| Size (H x W x D) | 1.76" x 1.76" x 1.34" | 2.69" x 2.69" x 1.85" | 3.50" x 3.50" x 1.85" | 4.41" x 4.85" x 1.85" |
| Barrel (cutout) | 1.53" | 2.17" | 2.72" | 2.72" |
| Scale Length | 1.40" | 2.06" | 2.88" | 3.93" |
| Accuracy | 2% | | | |
| Repeatability | $\pm 0.5\%$ | | | |
| Response Time | 2 sec. (3 sec. on μA) | | | |
| Operating Temperature | 0-40°C | | | |
| Storage Temperature | -10°C-50°C | | | |
| Dielectric | 2600V for 1 min. (Otherwise per ANSI except 1½" size 1500V) | | | |

ORDERING INFORMATION

DC Voltmeters—Zero Left

| | | |
|-----------|-----|----------|
| 1.0 Volts | 1 2 | 20LALA |
| 1.5 Volts | 1 2 | 20LCLC |
| 3 Volts | 1 2 | 20LJLJ |
| 5 Volts | 1 2 | 20LSLS |
| 8 Volts | 1 2 | 20MJMJ |
| 10 Volts | 1 2 | 20MTMT |
| 15 Volts | 1 2 | 20NDND |
| 30 Volts | 1 2 | 20NLNL |
| 40 Volts | 1 2 | 20PNPN |
| 50 Volts | 1 2 | 20TNTNT |
| 80 Volts | 1 2 | 20PDPDP |
| 100 Volts | 1 2 | 20PKPK |
| 150 Volts | 1 2 | 20PZPZ |
| 200 Volts | 1 2 | 20RLRL |
| 250 Volts | 1 2 | 20RSRS |
| 300 Volts | 1 2 | 20RXRX |
| 500 Volts | 1 2 | 20SFSF** |
| 600 Volts | 1 2 | 20SJSJ** |

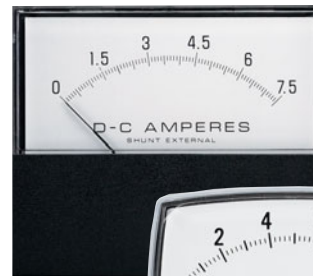
DC Voltmeters—Zero Left, Rated 0-1mADC (for use with External Resistor—not included)

| | | |
|------------|-----|--------|
| Scale Only | | |
| 500 Volts | 1 2 | 04FASF |
| 600 Volts | 1 2 | 04FASJ |
| 750 Volts | 1 2 | 04FASM |

DC Voltmeters—Zero Center

| | | |
|---------------|-----|----------|
| 5-0-5 Volts | 1 2 | 21LSLS |
| 10-0-10 Volts | 1 2 | 21MTMT |
| 30-0-30 Volts | 1 2 | 21NLNL |
| 50-0-50 Volts | 1 2 | 21TNTNT |
| 80-0-80 Volts | 1 2 | 21PDPDP |
| 150-0-150 V | 1 2 | 21PZPZ |
| 300-0-300 V | 1 2 | 21RXRX |
| 500-0-500 V | 1 2 | 21SFSF** |
| 600-0-600 V | 1 2 | 21SJSJ** |

** Not available in 1½" and 2½"



Horizon 251/255



Big Look 250/254

ORDERING CODE GUIDE

| | | |
|---|----------------------|--------------------------|
| 1 | Insert Model Number: | CASE AND MOVEMENT |
| | 250 | Big Look - Taut Band |
| | 251 | Horizon - Taut Band |
| | 254 | Big Look - Pivot & Jewel |
| | 255 | Horizon - Pivot & Jewel |
| 2 | Insert Case Size: | DISPLAY SIZE |
| | 1 | 1½" |
| | 2 | 2½" |
| | 3 | 3½" |
| | 4 | 4½" |

OPTIONS (WHERE APPLICABLE)

| |
|--|
| Custom Scaling |
| Non-standard Ranges |
| 1% Accuracy |
| Adjustable Potentiometer (Voltmeters Only) |
| Zero-Center |
| Color Bands |
| Bezel |
| Insulated Cap Nuts |