



Model 426 (4 1/2")

- ▲ Long Scale
- ▲ Low profile, thin front
- ▲ Rugged, Stylish Case
- ▲ Customized Scales available

Models: 361 (3 1/2"), **561** (5 1/2") (shown)

- ▲ Integral Bezel models
- ▲ Built-in illumination window
- ▲ Illumination bracket kits available
- ▲ Wide selection of Ranges
- ▲ Customized Scales available

Black Phenolic panel meters are rugged, stylish, sensitive and accurate. They range in size from 3 1/2" to 5 1/2" and can be either front or bezel mounted. Their rugged designs are particularly suitable for use in demanding environments. The Black Phenolic panel meters have a standard indication accuracy of $\pm 2\%$ full scale for DC ranges ($\pm 3\%$ for AC ranges) and are available with "Super Calibrated Accuracy" of $\pm 0.5\%$ for exacting measurement requirements.

The Models 361 and 561 have the meter bezels molded into their cases for through-the-panel bezel mounting. Panel meter installation is quick and easy since there is no separate bezel hardware.

The Model 426 is a versatile panel meter with a low-profile thin front. It has a scale approximately equivalent to that of a conventional 4 1/2" meter, but the dial area height is the same as that of a 3 1/2" meter. The Model 426 requires no more panel space than other meters with shorter scales. Designed so that it is equally attractive and practical whether mounted in front of a panel or recessed, the Model 426 has found immediate acceptance in today's narrow rack panels.

| Black Phenolic, Long Scale & Bezel Meter Specifications | | | | | |
|---|----------------------------|-----------|------------------------------------|--|-----------|
| Specifications | DC Ranges | | AC Ranges (Rectifier Type) | | Pyrometer |
| | Current | Voltage | Current | Voltage | |
| Accuracy | $\pm 2\%$ | $\pm 2\%$ | $\pm 3\%$ | $\pm 3\%$ | $\pm 2\%$ |
| Tracking | Optional | Optional | Optional | Optional | N/A |
| Balance | $\pm 1\%$ | $\pm 1\%$ | $\pm 1\%$ | $\pm 1\%$ | $\pm 1\%$ |
| Repeatability | Taut band | < 1/4% | < 1/4% | < 1/4% | < 1/4% |
| | Pivot-and-Jewel | 2% | 2% | 2% | 2% |
| Resistance Tolerance | $\pm 20\%$ | $\pm 5\%$ | — | < 10V $\pm 20\%$ $\geq 10V$ $\pm 5\%$ | N/A |
| Overload Capacity | 1 Second | 1000% | $\leq 100V$ 1000% $> 100V$ 200% | 150% | 150% |
| | Continuous | 150% | 120% | 150% | 150% |
| Calibration Frequency | — | — | 60 Hz | 60 Hz | N/A |
| Overshoot (maximum) | 20% | 20% | 20% | 20% | N/A |
| Response Time (maximum) | Sensitivity $\geq 50\mu A$ | 1.5 sec | 1.5 sec | 1.5 sec | 1.5 sec |
| | Sensitivity $< 50\mu A$ | 3 sec | 3 sec | 3 sec | 3 sec |

Effects of shock, vibration, humidity and temperature are equal to or better than ANSI C39.1-1981.
Safety (dielectric test, leakage and other hazards): instruments are equal to or better than ANSI C39.5-1974.
The above tolerance limits apply to the standard ranges listed in this bulletin. Special instruments may vary from these limits.
Rated circuit to ground voltage = 800 Vrms (1100 Peak).

| Black Phenolic, Bezel Dimensions | | | |
|----------------------------------|--------|-------|--------|
| Model | Height | Width | Depth* |
| 361 (3 1/2") | 2.005 | 3.54 | 2.14 |
| 426 (4 1/2") | 2.98 | 4.54 | 2.00 |
| 561 (5 1/2") | 2.70 | 5.05 | 3.00 |

Dimensions are in inches.
* Depth = front of panel to end of terminals.
See price sheet for part numbers.
Contact Factory for more information & dimensional drawings.



| DC Ranges | |
|-----------------|-----------|
| DC Microamperes | 5 to 1000 |
| DC Milliamperes | 1 to 1000 |
| DC Amperes | 1 to 50 |
| DC Millivolts | 5 to 1000 |
| DC Volts | 1 to 500 |

| Process Ranges | |
|-----------------|----------------------|
| DC Milliamperes | 1-5 4-20 10-50 |
| DC Volts | 1-5, 0-10 |

| AC Ranges (Rectifier Type) | |
|----------------------------|-------------|
| AC Microamperes | 100 to 1000 |
| AC Milliamperes | 1 to 1000 |
| AC Amperes | 1 to 50 |
| AC Millivolts | 250 & 500 |
| AC Volts | 1 to 500 |

| Thermocouple Pyrometers | |
|-------------------------|--|
| Contact Factory | |

| VU Meters | |
|-----------------|--|
| Contact Factory | |