



## 260-8 SERIES VOLT-OHM-MILLIAMMETERS

The consistent, widespread appeal of the 260 Series is unmatched in the industry. For over 50 years the traditional design, combining rugged reliability and excellent performance, has kept 260's on the benches of generations of engineers. The new 260-8 Series provides the best combination of quality, technology, and affordability. Maintains compatibility with the 260's wide range of accessories and probes. All models now have mirrored, color-coded scale. Accuracy for the lab, rugged construction for the field. Excellent for adjustments such as nulling and peaking. AC frequency response to 100KHz. Zero RFI. Varistor protected meter movements. RANGES: DC Volts: 0-250mV; 0-1, 2.5, 10, 25, 50, 250, 500, 1000V; 20K ohms per volt; accuracy 2%. AC Volts: 2.5, 10, 25, 50, 250, 500, 1000V; 5K ohms per volt; accuracy 3%. Ohms: R x 1, 2K (12 ohm center); R x 100, 200K (1200 ohm center); R x 10,000, 20Meg (120K ohm center). DC Amperes: 0-50µA; 0-1, 10, 100, 500mA; 0-10A. AC Amperes: Up to 250A with optional Amp-Clamp accessory probe. Decibels: -20dB to +50dB (5 ranges). Complete with test leads and batteries.

Cat. No.	Description	Net Price
12388	Fuse protected	\$270.45
12389	Same, in roll top case	324.54
12391	Resettable circuit breaker, audible continuity checker	360.49
12392	Same, in roll top case	413.61

### ACCESSORIES FOR 260 VOLT-OHM MILLIAMMETERS

Cat. No.	Description	Net Price
00125	Replacement test leads with alligator clips for 260XL and 270	\$22.45
00043	Same as above, Series 260-7 and 260-8	22.45
07538	Extra probe Tip Leads	23.44
07500	Alligator clip leads	18.62



## MODEL 260-8XI VOLT-OHM-MILLIAMMETER

Model 260-8XI and 260-8XPI has even more features than you have come to expect from its predecessors. The yellow case colour for enhanced visibility and user safety awareness is the trademark of this series. The durable ABS plastic case also provides high-impact resistance and increased drop protection in the toughest environments. All of this is combined with audible continuity checks, mirrored scale for parallax reduction, zero RFI emission, resettable overload circuit protection relay (260-8XPI only), instant trend information for quick positive "yes/no" checks and a UL 1244 listing. In addition, special calibration circuits and components are combined with Simpson's regular, strict manufacturing controls. The result is an instrument with proven dependability and ruggedness necessary for production and laboratory applications. Ranges: DC Volts: 0-0.250, 1, 2.5, 10, 25, 50, 250, 500, 1000. AC Volts: 0-2.5, 10, 25, 50, 250, 500, 1000. DC Current: 0-50µA, 1, 10, 100, 500mA, 10A. AC Current: up to 250 amperes with optional Amp-Clamp adapter. Resistance: 0-2K, 200K, 20M. Unit complete with test leads, batteries and manual.

Cat. No.	Description	Net Price
12395	Standard Model	\$292.15
12396	Resettable Circuit Breaker	382.19



## FALCON VOLTAGE/CURRENT INDICATORS

Simpson's new Falcon series is a low cost family of high quality digital panel meters accepting a broad spectrum of DC, AC and AC True RMS voltage and current inputs. All Falcon models feature built in display scaling, and selectable decimal to provide system flexibility for most any process application. For maximum current readings, external current transformers or current shunts can be used with the Falcon to display AC or DC currents up to 1,999 amps. For high visibility, the Falcon has a 3-1/2 digit 0.56" (14.2 mm) red LED display and uses precision circuitry to provide a basic accuracy of 0.1% ±1 digit for DC inputs. Compactly designed for applications requiring minimal read panel depth, stock models are AC powered and fit a standard 1/8 DIN panel cutout. A screw terminal barrier connector is provided for easy termination of all connections.

### FEATURES:

- DC, AC and AC TRMS voltage and current ranges
- Large, 0.56" (14.2 mm) high, red LED display with automatic zero and polarity indication
- Easy installation using screw terminals
- Shallow depth, 3.01" (76.5 mm) for restricted behind panel space
- Fits Standard 1/8 DIN cutout
- Direct 5A AC input for use with donut current transformers
- Broad range scaling and adjustable zero offset for process inputs
- User selectable decimal point
- Display hold

### SPECIFICATIONS:

#### DISPLAY:

Type: 7 segment, red LED  
 Height: 0.56" (14.2 mm)  
 Decimal point: 3 position programmable at connector  
 Overrange indication: 3 lease significant digits blank, above 1999 counts

#### Polarity:

Automatic, with "-" indication, "+" indication implied

#### Span:

User adjustable to 1999 counts

### POWER REQUIREMENTS:

AC voltage: 120 VAC ± 10%  
 Power consumption: 3 VA  
 (Also available for 220 VAC and 9-32 VDC operation)

### ACCURACY @ 25°C:

DC Inputs: ±0.1% of reading ±1 count  
 AC Inputs: ±1% of reading ±5 counts  
 AC TRMS inputs: ±1% of reading ±5 counts

### ENVIRONMENTAL:

Operating temperature: 0 to 55°C  
 Storage temperature: -10 to 60°C  
 Relative humidity: 0 to 85% non condensing  
 Temperature coefficient (per °C): DC units: ±0.01% of input ±0.5 count)  
 AC units: ±(0.1% of input ±0.5 count)  
 Warmup time: Less than 15 minutes  
 Response time: Seconds for AC units

### NOISE REJECTION:

NMR: 50 dB, 50/60 Hz  
 CMR (w/ 1k unbalance @ 60 Hz): 90 dB min

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