

1-800-GRAINGER (472-4643)



## Digital Panel Meters

■ Screw-terminal connector type

Note: Required accessories are sold separately on page 560.

Style	Input Range	Power Req.	Display Span	Display	Excitation	Accuracy	Fits	Mounting	Brand	Item No.
<b>AC Current</b>										
24x72	0 to 5A AC	85-250V AC	0 to 10/100/1000	Red LCD	No	±0.5% of reading ±5count	Standard 3/648 DIN Cutout	—	—	12G476
	0 to 5A AC	40V-300V AC/V DC	0 to 10/100/1000	Red LED	No			—	—	12G478
	0 to 5A AC	40V-300V AC/V DC	0 to 15/150	Red LED	No			—	—	12G479
48x96	0 to 5A AC	40V-300V AC/V DC	0 to 30/300	Red LED	No	±0.5% of range + 1 Digit	Standard 1/8 DIN Cutout	—	—	12G481
	0 to 5A AC	40V-300V AC/V DC	0 to 50/500	Red LED	No			—	—	12G483
	0 to 5A AC	40V-300V AC/V DC	1999	Red LED	No			—	—	12G470
Falcon	0 to 5A AC	120V AC	0 to 10/100/1000	Red LED	No	±1% of reading ±5 counts		Clip	Simpson Electric	1X181
Hawk 3	0 to 5A AC	120V AC	1999	Red LED	No	±0.3% of reading ±2 counts		Clip	Simpson Electric	1FC99
MT4W Series	0 to 5AAC	100 - 240 V AC 50/60hz	-1999 ~ 9999	Red LED	No	±0.3%	1/2 DIN	Bracket	Autonics	11Y538
MT4Y Series	0 to 5AAC	100 - 240 V AC 50/60hz	-1999 ~ 9999	Red LED	No		72x36mm	Bracket	Autonics	11Y512
<b>AC Voltage</b>										
Hawk 3	0 to 200V AC	120V AC	1999	Red LED	No	±0.1% of reading ±1 count	1/8 DIN Cutout	Clip	Simpson Electric	4EU89
	0 to 600V AC	120 V AC	1999	Red LED	No	±0.2% of reading ±1 count		Clip	Simpson Electric	3FTU2
<b>DC Current</b>										
Falcon	0 to 50mV DC	120V AC	0 to 150 ADC	Red LED	No	±0.1% of reading ±1 count	Standard 1/8 DIN Cutout	Clip	Simpson Electric	1X145
<b>DC Scaling</b>										
M4NS Series	4 to 20mA DC	Loop Powered	-1999 ~ 9999	Red LED	No	±0.3%	1/2 DIN	Bracket	Autonics	11Y548
M4V Series	0 to 2 V DC to 10V DC to 5V DC to 1mA DC to 20mA DC	12 - 24 V DC	-1999 ~ 9999	Red LED	No	±0.2%	3/4 DIN	Bracket	Autonics	11Y550
M4YS Series	4 to 20mA DC	Loop Powered	-1999 ~ 9999	Red LED	No	±0.3%	72x36mm	Bracket	Autonics	11Y549
<b>DC Voltage</b>										
24x72	0 to 20V DC	85-250V AC	1999	Gray LCD	No	±0.1% of reading ±1Count	Standard 3/648 DIN Cutout	—	—	12G498
	0 to 200V DC	85-250V AC	1999	Gray LCD	No			—	—	12G507
2800 Series	0 to 200V DC	120V AC	1999	Red LED	No	±1.0% of input + 5 counts	1.682 x 3.622 in Cutout	Slide Mounting Brackets	Simpson Electric	1T902
	0 to 20V DC	120V AC	1999	Red LED	No			Clip	Simpson Electric	2T861
Falcon	0 to 200mV DC	120V AC	1999	Red LED	No		Standard 1/8 DIN Cutout	Clip	Simpson Electric	2T859
	0 to 200V DC	120V AC	1999	Red LED	No			Clip	Simpson Electric	2T862
Hawk 3	0 to 20V DC	120V AC	1999	Red LED	No	±0.1% of reading ±1 count		Clip	Simpson Electric	1FC98
Mini-Max	0 to 20V DC	9-32V DC	1999	Gray LCD	No		Standard 3/4 DIN Cutout	Unique, Allows Stacking of Multiple Meters	Simpson Electric	1X345
<b>Digital</b>										
Amik	100 to 500V AC	40V-300V AC/V DC	9999	Red LED	No	±1%	1/4 DIN, 96 x 96mm Opening, Din Rail	Clip	Simpson Electric	48MD90
<b>Frequency</b>										
Falcon	20 to 199.9Hz	120V AC	20 to 199.9	Red LED	No	±2% of input ±0.2 Hz	Standard 1/8 DIN Cutout	Clip	Simpson Electric	4TL78
<b>Process</b>										
Falcon	0 to 10V DC	120V AC	0 to 100%	Red LED	No	±0.1% of reading ±1 count		Clip	Simpson Electric	2T885
	0 to 10V DC	120V AC	0 to 100%	Red LED	No	±0.02% of reading ±1 count	Standard 1/8 DIN Cutout	Clip	Simpson Electric	2T887
	4 to 20mA DC	120V AC	0 to 100%	Red LED	No			Clip	Simpson Electric	2T884
Hawk 3	4 to 20mA DC	120V AC	0 to 100%	Red LED	No	±0.1% of reading ±1 count		Clip	Simpson Electric	1FD10
	4 to 20mA DC	120V AC	0 to 100%	Red LED	24 V DC		1/8 DIN Cutout	Clip	Simpson Electric	4EU92
<b>Temperature</b>										
Falcon	Type J T/C	120V AC	-328° to 2192°F	Red LED	No	±0.1% of reading ±1.8°F	Standard 1/8 DIN Cutout	Clip	Simpson Electric	2T907
Hawk 3	Type J T/C	120V AC	-328° to 2192°F	Red LED	No	±0.2% of reading ±2 counts		Clip	Simpson Electric	1FD12
	RTD Pt100	85-250V AC	-328° to 1562°F	Red LED	No	±0.2% of reading + 2.7°F		Unique, Allows Stacking of Multiple Meters	Simpson Electric	3LW54
Mini-Max	Type J T/C	85-250V AC	-328° to 2192°F	Red LED	No		Standard 3/4 DIN Cutout	Unique, Allows Stacking of Multiple Meters	Simpson Electric	3LW52
	Type K T/C	85-250V AC	-328° to 2498°F	Red LED	No	±0.1% of reading + 2.7°F		Unique, Allows Stacking of Multiple Meters	Simpson Electric	3LW53

Range	2.5" Item No.	Size 3.5" Item No.	4.5" Item No.
<b>AC Current</b>			
0 to 5 AC A	12G369	12G370	12G371
0 to 10 AC A	12G372	12G373	—
0 to 15 AC A	12G376	12G378	12G377
0 to 25 AC A	12G379	12G380	12G383 *
	—	12G382 *	—
0 to 50 AC A	12G385	12G384	12G388 *
	—	12G387 *	12G386 *
0 to 75 AC A	—	12G389 *	12G390 *
0 to 100 AC A	12G391 *	12G392 *	12G393 *
0 to 150 AC A	12G394 *	12G395 *	12G396 *
0 to 200 AC A	—	12G398 *	12G399 *
0 to 300 AC A	12G401 *	12G402 *	12G403 *
<b>AC Percent Load</b>			
0 to 150% 5 AC A	—	12G413 *	12G414 *
<b>AC Voltage</b>			
0 to 150 AC V	12G405	12G406	12G404
0 to 300 AC V	12G409	12G407	—
0 to 500 AC V	12G410	12G411	12G412
<b>DC Current</b>			
0-10 DC A	—	12G417	—
0-25 DC A	12G419	12G420 †	—
0-50 DC A	12G422	12G423	—
<b>DC Voltage</b>			
0-15 DC V	12G436	12G437	—
0-30 DC V	—	12G439	—
0-50 DC V	12G443	12G441	—
0-150 DC V	12G445	—	12G444

\* External 5A AC current transformer required. † External 50mV shunt required.

## Analog Panel Meters

- ±1.5% accuracy
- Polycarbonate window

Each includes panel cutout template and mounting hardware.

**Percent Load Meters**—These sensitive meters visually monitor the load conditions of AC or DC motors while they are running, helping to prevent motor overloading and burnout. Scale is color segmented for easy reading.

Size	A	B	C	D	E	F	G
2 1/2"	2.47"	1.15"	2.17"	2.47"	1.88"	1.88"	1.00"
3 1/2"	3.25"	1.22"	2.71"	3.25"	2.25"	2.25"	1.50"
4 1/2"	4.00"	1.22"	2.75"	4.68"	3.56"	3.56"	1.50"



12G382

