



12G476



1X181



11Y548

Autonics *Simpson*
Sensors & Controllers

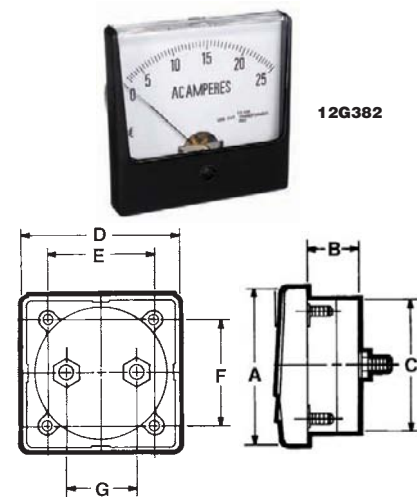


Digital Panel Meters

■ Screw-terminal connector type

Note: Required accessories are sold separately on page 537.

	Input Range	Power Req.	Display Span	Display	Excitation	Accuracy	Fits	Mounting	Brand	Item No.
AC Current										
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
48x96	0 to 5A AC	40V-300V AC/V DC	0 to 10/100/1000	Red LED	No	±0.5% of range + 1 Digit	Standard 1/8 DIN Cutout	—	—	12G478
	0 to 5A AC	40V-300V AC/V DC	0 to 15/150	Red LED	No			—	—	12G479
	0 to 5A AC	40V-300V AC/V DC	0 to 30/300	Red LED	No			—	—	12G481
	0 to 5A AC	40V-300V AC/V DC	0 to 50/500	Red LED	No			—	—	12G483
Falcon	0 to 5A AC	120V AC	0 to 10/100/1000	Red LED	No	±1% of reading ±5 counts	1/8 DIN Cutout	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%	1/8 DIN	Bracket	Autonics	11Y538
MT4Y Series	0 to 5AAC	100 - 240 V AC 50/60hz	-1999 ~ 9999	Red LED	No		72x36mm	Bracket	Autonics	11Y512
DC Voltage										
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
DC Current										
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
DC Scaling										
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 DC0 to 10V DC1 to 5V DC0 to 1mA DC 4 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
DC Voltage										
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	±0.2% of reading ±1 count	—	—	—	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
Falcon	0 to 20V DC	120V AC	1999	Red LED	No	±0.1% of reading ±1 count	Standard 1/8 DIN Cutout	Clip	Simpson Electric	2T861
	0 to 200mV DC	120V AC	1999	Red LED	No			Clip	Simpson Electric	2T859
Hawk 3	0 to 200V DC	120V AC	1999	Red LED	No			Clip	Simpson Electric	2T862
	0 to 20V DC	120V AC	1999	Red LED	No			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
Digital										
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
Frequency										
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
Process										
Falcon	0 to 10V DC	120V AC	0 to 100%	Red LED	No	±0.1% of reading ±1 count	Standard 1/8 DIN Cutout	Clip	Simpson Electric	2T885
	0 to 10V DC	120V AC	0 to 100%	Red LED	No	±0.02% of reading ±1 count		Clip	Simpson Electric	2T887
	4 to 20mA DC	120V AC	0 to 100%	Red LED	No	±0.1% of reading ±1 count		Clip	Simpson Electric	2T884
	4 to 20mA DC	120V AC	0 to 100%	Red LED	No			Clip	Simpson Electric	1FD10
Hawk 3	4 to 20mA DC	120V AC	0 to 100%	Red LED	24 V DC	±0.1% of reading ±1 count	1/8 DIN Cutout	Clip	Simpson Electric	4EU92
Temperature										
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
Mini-Max	RTD Pt100	85-250V AC	-328° to 1562°F	Red LED	No	±0.2% of reading + 2.7°F	Standard 3/4 DIN Cutout	Unique, Allows Stacking of Multiple Meters	Simpson Electric	3LW54
	Type J T/C	85-250V AC	-328° to 2192°F	Red LED	No	±0.1% of reading + 2.7°F		Unique, Allows Stacking of Multiple Meters	Simpson Electric	3LW52
	Type K T/C	85-250V AC	-328° to 2498°F	Red LED	No			Unique, Allows Stacking of Multiple Meters	Simpson Electric	3LW53



12G382

	2.5" Item No.	Size 3.5" Item No.	4.5" Item No.
Range			
AC Current			
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 *
AC Percent Load			
0 to 150% 5 AC A	—	12G413 *	12G414 *
AC Voltage			
0 to 150 AC V	12G405	12G406	12G404
0 to 300 AC V	12G409	12G407	—
0 to 500 AC V	12G410	12G411	12G412
DC Current			
0-10 DC A	—	12G417	—
0-25 DC A	12G419	12G420 †	—
0-50 DC A	12G422	12G423	—
DC Voltage			
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 overload and burnout. Scale is color segmented for easy reading.

Size	Dimensions						
	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"