

Selco Digital Panel Meters

Universal Type

- Seven Output Choices
- Front Panel Membrane Set Buttons
- Eighteen Input Choices
- Available Two Setpoint Displays
- 90-264VAC or 9-60VDC Power Supply
- RS-232C/RS-485 Communications
- Industry Standard 1/8 DIN Size
- 8-Amp Setpoint Contact Relays



▲ A5000 Series

SPECIFICATIONS

Main display:	4 Digit Red LED 14.2mm
Sub display:	Dual, Green LED 8mm (Hi & Lo setpoints)
Conversion rate:	12.5 times/sec
Maximum display:	9999
Overrange indication:	When input exceeds the maximum display, display OL or -OL
Zero display:	Leading zero suppression
Decimal point:	Settable to any digit position
External control:	Start/Hold, Peak Hold, Digital Zero
Operating temperature:	0 to 50°C, 35 to 85% RH
Storage temperature:	-10 to 70°C less than 60% RH
Power supply:	AC 100 to 240V ±10% (AC main unit) DC 9 to 60V (DC main unit)
Power consumption:	Approx. 4VA (at 100V)
Dimensions:	96mm x 48mm (H) x 147.5mm (D) DIN size
Dielectric strength (AC):	Power supply/input terminal/output terminal 2000VAC/1 min. Input terminal/output terminal 500VDC/1 min. Case/power supply/input terminal/output terminal 2000VAC/1 min.
Dielectric strength (DC):	Power supply/input terminal/output terminal 500VDC/1 min. Input terminal/output terminal 500VDC/1 min. Case/power supply/input terminal/output terminal 2000VAC/1 min.
Insulation resistance:	500VDC more than 100MΩ at the above terminals
Input:	
AC Voltage:	40Hz to 1kHz
AC Current:	40Hz to 1kHz
Frequency:	0.1Hz to 200kHz 30V p-p Max.
Strain Gauge:	
Adjustment Span:	1 to 3 mV/V
Excitation:	5V@15mA, 10V@30mA
Analog Output:	0-1V, 0-10V, 1-5V, 4-20mA
Setpoint Relays:	8A@240VAC, 30VDC Resistive

ORDERING INFORMATION

Example SE/A51/25-03

SE/A5 **A** **B** **C** - **D**

A Main Board

- 1 AC 100 - 240V (±10%)
- 2 DC 9 - 60V

B Display Board

- 1 Single (Main Display Only)
- 2 Multiple (Main & Sub Displays)

C Output

- 0 None
- 1 HI & LO setpoint
- 2 Analog output
- 3 RS-232C
- 4 RS-485
- 5 HI & LO setpoint + analog output
- 6 HI & LO setpoint + analog output + RS-232C
- 7 HI & LO setpoint + analog output + RS-485

D Input

D Input	Ranges
01 DC voltage (±99.99mV)	1
02 DC voltage (±999.9mV to ±600V)	4
03 DC current (±9.999mA to ±999.9mA)	3
04 AC voltage AVG (99.99mV to 9.999V)	3
05 AC voltage AVG (99.99V to 600V)	2
06 AC voltage RMS (99.99mV to 9.999V)	3
07 AC voltage RMS (99.99V to 600V)	2
08 AC current AVG (9.999mA to 999.9mA)	3
09 AC current AVG (5A)	1
10 AC current RMS (9.999mA to 999.9mA)	3
11 AC current RMS (5A)	1
12 Resistance (99.99Ω to 99.99KΩ)	4
13 Temperature (Thermocouple)	JKTSRB
14 Temperature (RTD)	Pt100
15 Frequency (Open collector, Logic, Magnet)	4
16 Frequency (50 to 500Vrms)	
17 Strain gauge	
18 1 to 5V, 4 to 20mA	