

## Newport Digital Panel Meters/Controllers




These meters accept universal inputs—thermocouple, RTD, process voltage/current. Panel mounted, with NEMA-4 (IP65) front bezel, they offer multiple “firsts” for 1/8 DIN instruments:

- Display Changes Colors at Set Point (Yellow, to Green, to Red)
- Fully Programmable Color Display and the Largest Display (21 mm LEDs) of Any 1/8 DIN Instrument
- RS-232 and RS-485 Serial Communications (Optional) in One Instrument
- Built-In Excitation (10 or 24 VDC) is standard

Units also feature  $\pm 0.5^{\circ}\text{C}$  accuracy, free Active X Controls software, extended 5-year warranty at no extra charge. Available as monitors only or with two control/alarm outputs.

### ORDERING INFORMATION

To Order—Insert Number Code for Each Letter to Select Catalog Number.  
Order Example: i8-2-0-DC

A - B - C - D

A Base Units	
i800	Monitor only (no control outputs) 1/8 DIN
i8C00	Monitor only (no control outputs) 1/8 DIN Short Case *2
i8A00	Monitor with Isolated Analog Output 1/8 DIN
i8	Two control outputs 1/8 DIN
i8C	Two control outputs 1/8 DIN Short Case *2
i8A	Isolated Analog Output with two control outputs *1
B Control Output #1 & #2 Direct (Cool) or Reverse (Heat) Acting	
22	Two solid state relays (SSR's)
23	SSR and relay: Form “C” SPDT
24	SSR and pulsed 10 Vdc (for use with external SSR)
33	2 Relays: Form “C” SPDT
34	Relay and pulsed (for use with external SSR)
44	Two pulsed 10 Vdc (for use with external SSR)
52	Analog Output (control or retransmission)
53	Analog Output and Relay
54	Analog Output and Pulse
C Network Options	
E1	Ethernet with Embedded Web Server
C24	Isolated RS-232 and RS-485 (MODBUS & ASCII)
C4EI	Ethernet with Embedded Internet + Isolated RS-485
D Power Supply	
AC	Standard Power : 90 to 240 VAC/DC
DC	10-34 Vac/dc (optional)

\*1 Not Available for the i8A Controller

\*2 Not Available in the Compact Case





- 6-Digits
- NEMA-4 (IP65) Front Bezel
- Four Isolated Open Collector Outputs
- Peak and Valley Detection and Memory
- Digital Tare
- 1.5 to 11 or 24 VDC Sensor Excitation

### ORDERING INFORMATION

To Order—Insert Number Code for Each Letter to Select Catalog Number.  
Order Example: INFP-0-2-1-0-C2

A - B - C - D - E - F - G

A Basic Unit	
INFP	Process (DC Voltage and Current)
INFS	Strain Gauge
DINFW	Weight
INFT	Thermocouple and RTD
INFU	Universal Input (Process, Strain and Temp.)
B Split Display—Insert Only If Required	
Z	Split Display (insert “Z” after INF in basic unit)
C Power and Display	
0	115 VAC, Red LED
1	230 VAC, Red LED
2	115 VAC, Green LED
3	230 VAC, Green LED
4	10–32 VDC, Red LED
5	10–32 VDC, Green LED
D Control Output	
0	Four NPN Open Collectors
1	Isolated Parallel BCD
2	Two 7A Relays
3	Two 7A Relays and Two 1A Relay
E Analog Output	
0	None
1	Isolated Analog Output
F Serial Output	
0	None
1	Isolated RS-232
2	Isolated RS-485
G Input Signal	
	Specify T/C, RTD, or DCV